



Notre Dame

R E P O R T

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"Drug-Free Indiana" Report Released

Indiana colleges and universities would be required to develop drug education and service plans for students and workers under a recommendation of Gov. Bayh's Commission for a Drug-Free Indiana.

The commission's report called "Toward a Drug-Free Indiana: A Strategic Report to the Governor," was issued in September by its 15-member steering committee, including Rev. Edward A. Malloy, C.S.C., president.

In supporting comprehensive drug abuse prevention and intervention programs for Indiana's post-secondary educational institutions, the commission noted that the 150,000 traditional-age students thus affected make up the largest block of highest-risk individuals in the state. "Alcohol is the most prevalent drug of abuse on Indiana's college campuses and needs to be the main focus of attention," the report said. "The next generation of opinion leaders now resides on Indiana's college and university campuses," it continued. "If we want to have an impact on (their) drug related attitudes, beliefs, and behaviors . . . we have an opportunity to reach them today."

The state's Commission on Higher Education was given responsibility for implementing the recommendation, and the estimated cost of doing so was \$1 million.

All Indiana colleges and universities receiving federal funds, including Notre Dame, have come under the federal Drug-Free Schools and Communities Act and had an October 1 deadline to comply with Department of Education guidelines on dealing with campus substance abuse.

The 101-page report of Gov. Bayh's Commission was divided into three parts—prevention, covering school-based initiatives, community prevention and public awareness; workplace and treatment; and justice, spanning law enforcement, persecution, judication and corrections.

Other recommendations included the following:

- Require a clear and visible warning label on all printed alcohol advertisements and product labels.
- Improve state efforts to target and support unserved, underserved and specially impacted populations and communities.
- Ensure the availability of publicly-funded drug treatment services for persons who are unable to purchase their care.

- Authorize sheriffs and city police chiefs to use wiretaping and train them in this investigatory tool.
- Improve the ability of the Department of Correction to treat inmates who have alcohol and/or other drug abuse problems and to link discharged inmates to community treatment services.
- Enhance the ability of the Department of Correction to treat inmates who have alcohol and/or other drug abuse problems and to link discharged inmates to community treatment services.
- Evaluate for substance abuse all juveniles arrested for adult crimes and require appropriate education or treatment for them, as well as for any parent found to be a contributing factor in a child's substance abuse problem.
- Pass legislation either establishing the commission as a state agency or placing it in the most appropriate state agency.

"The true cost to taxpayers of governmental programs to reduce and prevent the use and abuse of alcohol and other drugs can be understood only by recognizing the enormous economic and social costs imposed on society when that use and abuse continue unabated," the report noted.

Conway and Haggar Elected to Board of Trustees

Two alumni have been elected to the University of Notre Dame's Board of Trustees. Robert M. Conway, a partner with Goldman, Sachs & Co., New York, N.Y., and J.M. Haggar, president and chief executive officer of the Haggar Apparel Company in Dallas, Texas, are the new trustees.

Conway is a 1966 graduate who earned an M.B.A. from the University of Chicago and has been on the Advisory Council for the College of Arts and Letters since 1987. He joined Goldman, Sachs in 1970 and recently was managing director of Goldman, Sachs International Corp. in London. He has taught in the Columbia University Graduate School of Business.

Haggar is a 1945 graduate who has been on the Advisory Council for the College of Business Administration since 1978. He has served on the Dallas City Council and is prominent in civic and charitable organizations in the city. His brother, Edmond R. Haggar Sr., is a trustee emeritus of the University.

There are 50 trustees of the University and the chairman is Donald R. Keough, president and chief operating officer of The Coca-Cola Company.

Murphy, Conklin and Moore Assume New Positions

Three changes in executive positions at the University of Notre Dame have been announced by William P. Sexton, vice president for University Relations.

James E. Murphy, associate vice president for University Relations, has assumed a major planning responsibility for Notre Dame's Sesquicentennial, to be observed from September 1991 to October 1992. While assisting Associate Provost Roger A. Schmitz, who is directing the Sesquicentennial, Murphy will continue to be a consultant to University Relations. A 1947 graduate of Notre Dame who did graduate journalism study at Northwestern University, Murphy became director of public information at Notre Dame in 1952 and headed media relations at the University until assuming his current position in 1969. Before joining the University's staff, he was a news editor for the American Broadcasting Company in Chicago and a public relations representative for the American Legion's national headquarters in Indianapolis, Ind.

Richard W. Conklin, who has worked in media relations at Notre Dame for 23 years, 21 of them as director, will be promoted from assistant to associate vice president for University Relations and has assumed Murphy's duties. Conklin holds a bachelor's degree from the University of St. Thomas, St. Paul, Minn., and an M.A. in American studies from Notre Dame. He came to Notre Dame as an assistant director of public information in 1967 and assumed the directorship two years later. He was a reporter for the St. Louis Post-Dispatch and Minneapolis Star and taught journalism and ran the news bureau at St. Thomas.

Assuming Conklin's duties with the title director of Public Relations and Information is Dennis K. Moore. Moore, a member of the Notre Dame Class of 1970, joined the Notre Dame staff in August 1988 as an assistant director in the department he now heads, and he was promoted to associate director in July 1989. His previous experience included 20 years in corporate public relations, marketing and magazine writing and editing. In addition to eight years spent as a freelance writer and consultant, he principally worked for the Consumers Power Company, Jackson, Mich., and Kiwanis Magazine, Chicago, Ill.

Stark Receives Alumni Award

Dennis Stark, director of aquatics, received the Notre Dame Alumni Association's Harvey G. Foster Award during a ceremony immediately preceding the Notre Dame/Air Force football game, October 13.

Stark, a 1947 Notre Dame graduate, oversees all the University's aquatics programs, teaches physical education classes and officiates at local swim meets. He assumed his present position in 1985 after 27 years as a swimming coach at Notre Dame. In 1984, he was named Coach of the Year by the North Star Conference. In addition to his work for the University, he served as aquatics venue manager for the International Special Olympic Games held at Notre Dame in 1987 and has worked at the Logan Center and in a variety of other community services.

The Harvey G. Foster Award was established by the Alumni Association in 1982 in memory of a 1939 Notre Dame graduate who had died the previous year. Foster, who became vice president of American Airlines after 18 years as an agent of the Federal Bureau of Investigation, was an active member of the Alumni Association and served terms on its board of directors and as its president. The Foster Award is given annually to a Notre Dame graduate distinguished for athletic endeavors and community service.

Promotion, Tenure, Renewal and Salary Notification Letters to Be Mailed

Professor Timothy O'Meara, provost, announces that letters to the faculty regarding promotion, tenure, renewal and salary notification will be mailed this academic year on Friday, May 3, 1991.

Phi Beta Kappa Information

Members of the faculty who are also members of Phi Beta Kappa are invited to affiliate with the Notre Dame Chapter, Epsilon of Indiana. Faculty members currently not in communication with the chapter who are interested in affiliating are asked to contact the secretary of the Notre Dame Chapter, Professor John Derwent, at the Mathematics Department. Interested faculty are asked to supply the year of their initiation and the name of the college or university where they were initiated.

IBM Gives Matching Gift

Notre Dame has received a gift of \$358,339 from the International Business Machines (IBM) Corporation, the largest corporate matching gift in the University's history.

The gift results from Notre Dame's enrollment last June in IBM's 5 to 1 equipment option program, under which the contributions of eligible IBM employees to the University were matched by gifts from the corporation of five times the amount. Monies accumulated by the matching gifts will be used to purchase IBM equipment.

The IBM gift brings to \$2.4 million the total of this year's matching gifts to the University. Last year's total of \$2,034,092 placed Notre Dame among only four of the nation's schools to exceed the \$2 million mark.

Society Bank, Indiana, Endows Finance Scholarships

The University has received a \$250,000 commitment from Society Bank, Indiana, to establish an endowment for undergraduate scholarships in the College of Business Administration's Department of Finance.

Michael J. Hammes, a 1970 graduate of Notre Dame, is president of Society Bank, Indiana. With 17 offices in St. Joseph County, Society Bank, Indiana, is an affiliate of Society Corporation, one of the largest bank holding companies in the Midwest with assets of \$15.6 billion. Indiana has 43 of the corporation's 370 offices, which are also in Ohio, Michigan and Florida. Through its affiliates, Society engages in commercial banking, consumer banking, mortgage banking and leasing and provides trust and investment banking services.

Ford Grant Designed to Broaden Cultural Diversity

With a grant of more than \$91,000 from the Ford Foundation, the University will begin preparations for a June 1991 faculty conference to adopt course revisions designed to broaden the cultural diversity of the curriculum.

Notre Dame is one of 19 colleges and universities chosen to receive grants as part of a foundation initiative to improve campus race relations and foster intellectual and cultural diversity in American undergraduate education. A panel of national educational leaders selected the grant winners from among 105 invited proposals.

The conference, to be directed by professor of English and African-American studies scholar Erskine A. Peters, will focus initially on the Sophomore Core Course, required of all second-year students entering the College of Arts and Letters, by far the largest of its five colleges, and on the Freshman Writing and Seminar Program, a required course for all of the 1,800-plus freshmen.

Two University bibliographers, one each in science and the humanities, will use the months preceding the conference to research and assemble potential new course materials.

Exxon Donation Received

The University has received \$13,000 in unrestricted grants from Exxon for its Law School and Departments of Chemical, Mechanical and Civil Engineering.

The donation is part of the Exxon University Departmental Grants program, a nationwide provision of \$1.8 million to more than 100 colleges and universities from which the corporation recruits its employees.

Exxon, its affiliate companies and the Exxon Educational Foundation annually give more than \$20 million to American educational institutions.

Faculty Notes

Appointments

Thomas J. Frecka has been appointed Vincent and Rose Lizzadro professor of accountancy and is chairing the accountancy department in the College of Business Administration. Previously, Frecka was the Ernst & Whinney distinguished professor of accountancy at the University of Illinois, where he has been a member of the faculty since 1977. Most recently he was associate head for academic affairs and director of the Illinois Accountancy Ph.D. program. He received his doctorate from Syracuse University in 1978 and holds bachelor's and master's degrees from Ohio University. Frecka's teaching interests are in financial reporting and managerial accounting. His publications encompass research areas including capital markets theory, normative portfolio selection procedures, capital structure theory, inflation theory, market response to accounting information and financial statement analysis.

Igor N. Grazin, professor of law at Tartu State University, U.S.S.R., has been named Paul J. Schierl/Fort Howard Corp. distinguished visiting professor of ethics at the Law School. A native of Estonia, Grazin is a People's deputy and member of the Supreme Soviet ruling body. He co-wrote two constitutional amendments, the Grazin Bickauskas clauses, that protect the rights of the Baltic republics. In addition, he is one of the most outspoken members of Estonia's Popular Front and participated in the writing of the Declaration of Sovereignty for Estonia. He is a member of the Liberal Democratic Union, a group that supports a totally free market.

Barry P. Keating, professor of finance and business economics, has been appointed Jesse H. Jones professor of business administration for a four-year term. Keating, a 1967 Notre Dame graduate, pursued graduate study at Lehigh University and at Notre Dame, from which he earned his doctoral degree in 1974. A member of the business faculty since 1978, he teaches undergraduate, M.B.A. and executive M.B.A. courses. Much of his research concerns the economics of not-for-profit firms and the economic impact of governmental regulation.

Philip E. Mirowski has been named Carl E. Koch professor of economics. Most recently a member of the faculty of Tufts University for nine years, Mirowski also during that time was a visiting faculty member at the University of Massachusetts at Amherst and at Yale University. Prior to his stay at Tufts, he was on the faculty of the University of Santa Clara for three years. Mirowski was graduated from Michigan State University in 1973. He received his master's and doctoral degrees in economics from the University of Michigan in 1976 and 1979, respectively. His research interests include examining the philosophical underpinnings of economics, which he has compared with the philosophical underpinnings of physics.

Honors

Gary H. Bernstein, assistant professor of electrical engineering, was awarded a patent by the U.S. Patent Office. The patent, number 4962410, is titled "The QUADFET—A Novel Field Effect Transistor."

John J. Collins, professor of theology, was appointed to the editorial board and attended an editorial meeting of the *New Interpreters Bible* in Nashville, Tenn., May 28-30.

Ronald Dorris, assistant professor of American studies, was nominated as a member-at-large to the governing board of the American Culture Association. Elections are scheduled for January.

Anne E. Hayner, staff professional specialist in the Institute for International Peace Studies, was elected to a two-year position as conference chair and member of the board of the Consortium on Peace Research, Education and Development at the annual meeting in Dayton, Ohio, Sept. 8.

Edward A. Kline, professor of English and O'Malley director of the Freshman Writing Program, was elected vice president and 1991 conference chair of the Indiana College English Association, Oct. 5.

David C. Leege, professor of government and international studies and director of the Hesburgh Program in Public Service, received the alumni achievement award in the alumni service conducted at the Valparaiso University Chapel, Oct. 7. He has been appointed to the 1991 program committee of the American Political Science Association.

Jeanne C. Lowe, adjunct assistant professor in the Freshman Writing Program, has been appointed to the Liturgy Committee of the Diocese of Northern Indiana (Episcopal Church).

Rev. Richard A. McCormick, S.J., O'Brien professor of theology, was presented with a *Festschrift: Moral Theology: Challenges for the Future: Essays in Honor of Richard A. McCormick, S.J.*, edited by Charles E. Curran, summer 1990.

Thomas V. Morris, associate professor of philosophy, has been named the 1990 Indiana Professor of the Year by the Council for the Advancement and Support of Education. The Professor of the Year Program salutes the most outstanding undergraduate instructors in the country—those who excel as teachers and influence the lives and careers of their students and former students.

Faculty Notes

Timothy O'Meara, provost and Kenna professor of mathematics, was elected a founding member of the Board of Governors and Board of Trustees of the newly-established University of Notre Dame Australia. He was appointed chairman of the Planning Task Force for the 1990-91 annual meeting of the Association of Catholic Colleges and Universities. He was reappointed to his third four-year term as a member of the Advisory Council of the Department of Mathematics of Princeton University. O'Meara has been made an honorary alumnus of the University of Notre Dame.

Morris Pollard, Coleman director of the Lobund Laboratory and professor emeritus of biological sciences, has been appointed to the international board of editors of the *Chinese Journal of Medical Sciences*, Beijing, China.

Leonard M. Savoie, professor of accountancy, has been appointed to serve as an editorial adviser to the editors of the *Journal of Accountancy* for the 1990-91 year.

James H. Seckinger, director of the National Institute for Trial Advocacy and professor of law, was re-elected to the American Judicature Society board of directors at the society's annual meeting in Chicago, Ill. Founded in 1913, the American Judicature Society is a national independent organization of more than 20,000 concerned citizens working to improve the nation's justice system. Among its goals are creating greater public understanding of the role of the courts, selecting judges for their professional qualifications, protecting judicial independence while maintaining the highest standards of judicial ethics and improving court systems.

J. Kerry Thomas, Nieuwland professor of chemistry, has been appointed to the editorial board of *Macromolecules*, the American Chemical Society Journal of Polymer Science.

Eugene Ulrich, professor of theology, has been appointed to the advisory board of the Ancient Biblical Manuscript Center, Claremont, Calif.

Activities

Panagiotis J. Antsaklis, professor of electrical engineering, presented two papers titled "On the Theory of Polynomial Matrix Interpolation and its Role in Systems and Control" and "Relationships Between Event Rates and Aggregation in Hierarchical Discrete Event Systems" at the 28th annual Allerton conference on Communication, Control and Computing at the University of Illinois at Urbana, Ill., Oct. 3-5.

Harold W. Attridge, professor of theology, delivered a paper on "Gnostic Platonism" at the Boston area Colloquy on Ancient Philosophy at Boston College in Boston, Mass., Sept. 27.

Ronald J. Balvers, assistant professor of finance and business economics, was invited to discuss a paper at the National Bureau of Economic Research conference on Asset Pricing and Financial Markets in Cambridge, Mass., May 12. He presented the paper "Actively Learning the Demand Curve and the Dynamics of Price Adjustment" co-authored with **Thomas F. Cosimano**, associate professor of finance and business economics, at the Western Economics Association meetings in San Diego, Calif., June 30. He presented the paper "Controlled Learning and Optional Price Adjustment" co-authored with Cosimano at the sixth world congress of the Econometric Society held in Barcelona, Spain, Aug. 24.

Supriyo Bandyopadhyay, associate professor of electrical engineering, presented a colloquium titled "Quantum Mesoscopic Devices—A Broad Overview" at the Department of Physics at the University of Illinois at Chicago, Ill., Oct. 10.

Stephen M. Batill, associate professor of aerospace and mechanical engineering, chaired two sessions on Multidisciplinary Optimization at the third Air Force/NASA symposium on Multidisciplinary Analysis and Optimization in San Francisco, Calif., Sept. 24-26.

William B. Berry, associate chairman and professor of electrical engineering, organized the 1990 fall semi-annual Cold Weather Transit Technology Review meeting held at the Department of Transportation/Urban Mass Transportation Administration Complex in Washington, D.C., Sept. 13. He presented an overview of the Notre Dame program and a review of the RF Coil design technology for third rail transit.

Ikaros Bigi, associate professor of physics, gave the invited lecture "Desiderata and Computanda in Electroweak Interactions" in the program "Lattice Gauge Theory: The Standard Model and Beyond" organized by the Institute for Theoretical Physics at the University of California in Santa Barbara, Calif., Aug. 9.

Faculty Notes

Joan F. Brennecke, assistant professor of chemical engineering, presented the paper titled "Fluorescence Spectroscopy Studies of Supercritical Fluid Systems with Entrainers" at the second international symposium on High Pressure Chemical Engineering in Erlangen, Germany, Sept. 24-26. She attended a NATO advanced research workshop on "Reactions of Toxic Molecules in Supercritical Water" in Leeds United Kingdom, Sept. 28-Oct. 1.

Jacqueline Vaught Brogan, associate professor of English, was an invited respondent to the panel on "Benjamin: 'The Critique of Violence'" at the symposium on "Jacques Derrida and Why Violence Is Necessary for Justice" at the Cardozo School of Law at Yeshiva University in New York, N.Y., Oct. 1. Her talk was titled "Ethical Interpretations vs. the Legal Definition of Justice."

Hsueh-Chia Chang, chairman and professor of chemical engineering, presented the invited seminar titled "Displacement of Liquid by Air Bubbles in Capillaries—the Marangoni Effect" at the Chemical Engineering Department of Clarkson College in Potsdam, N.Y., Sept. 27.

John J. Collins, professor of theology, chaired the panel discussion Biblical Studies since Vatican II at the Catholic Biblical Association meeting at Notre Dame, Ind., Aug. 15.

Fred Dallmayr, Dee professor of government and international studies, presented a paper on Heidegger and participated in a week-long colloquium at the Collegium Phaenomenologicum in Perugia, Italy, July 23-28. He conducted a two-week seminar on "Ethics in a Democratic Society" under the sponsorship of the U.S. Information Agency at the Federal University of Rio Grande do Sul in Porto Alere, Brazil, Aug. 12-25. He presented a paper on "Post-Metaphysics and Democracy" and served as a discussant on a panel on "Psycho-analysis and Postmodernity" at the annual meeting of the American Political Science Association, San Francisco, Calif., Aug. 29-Sept. 2.

Roberto A. DaMatta, Joyce professor of anthropology and senior fellow in the Kellogg Institute, lectured on "Brazilian Culture and Styles of Management" at the Advanced Management Program of the European Institute of Business Administration and the Dom Cabral Foundation Belo Horizonte, Brazil, in Sao Paulo, Brazil, Aug. 13.

Fabio B. Dasilva, professor of sociology, presented the paper "Genealogy and Hermeneutics" at the annual meeting of the Society for Phenomenology and the Human Sciences held at Villanova University in Villanova, Pa., Oct. 11.

Jean A. Dibble, assistant professor of art, art history and design, presented a slide lecture titled "Recent Work" on prints, drawings and paintings to students and faculty at the University of California in Long Beach, Calif., Oct. 23.

Rev. Regis A. Duffy, O.F.M., associate professor of theology, served as a consultant on the Rank and Tenure Committee of the Theology Department at Loyola University in Chicago, Ill., June 9. He was an invited participant at the Mundelein Colloquy of Catholic Bishops and Scholars at the University of St. Mary of the Lake in Mundelein, Ill., Sept. 24-26.

John G. Duman, associate dean and professor of biological sciences, gave the invited talk titled "Hemolymph Proteins Involved in Insect Subzero Temperature Tolerance: Ice Nucleator and Antifreeze Proteins" at the international conference on Comparative Physiology Water and Life: Comparative Analysis of Water Relationships at the Organismic, Cellular and Molecular Level in Crans-Montana, Switzerland, Sept. 15-18.

Abbot Astrik L. Gabriel, director and professor emeritus in the Medieval Institute and director of the Folsom Ambrosiana Microfilm and Photographic Collection, presided over the session on the History of German Universities as honorary president of the international commission on History of Universities at the 17th international congress of Historical Sciences held in Madrid, Spain, Aug. 26-Sept. 3.

Gregory I. Gellene, assistant professor of chemistry and biochemistry, presented a poster titled "Mass Independent Isotope Effects in the Formation of O_4^+ : Evidence for a Symmetry Restriction" at the Amoco/University Poster Session at the Amoco Research Center in Naperville, Ill., Oct. 5, and at the 12th annual East Coast ICR and Ion Molecule Reaction symposium in Newark, Del., Oct. 13.

Denis Goulet, O'Neill professor of education for justice in economics, delivered a lecture on "Partnership with Poland: Philosophy and Practice" to the Indiana Sister Cities conference in South Bend, Ind., Sept. 20.

David S. Hachen Jr., assistant professor of sociology, served as session organizer and presider for "Social Stratification" at the American Sociological Association's annual meeting held in Washington, D.C., Aug. 13. He was a discussant for the session "Labor Market Structure: Causes and Consequences" at that meeting.

Sandra C. Hayes, adjunct instructor in the Freshman Writing Program, gave the panel presentation "Hemingway's Quai to His Surrealistic Novel, *In Our Time*" at the Hemingway Society 10th anniversary conference at the Kennedy Library in Boston, Mass., July 8-9. She served as chair for a session titled "Showing Improvement in Students' Writing Performance Using Holistically Scored Essays" at the Indiana Teachers of Writing conference in Indianapolis, Ind., Sept. 28.

Faculty Notes

Nai-Chien Huang, professor of aerospace and mechanical engineering, presented a paper titled "Crack Growth in Linearly Viscoelastic Media" in the fourth international Union of Theoretical and Applied Mechanics Symposium on Creep in Structures in Cracow, Poland, Sept. 10-14. He also chaired a session on Creep Buckling at the symposium. He presented a lecture on "Simulation of Water-flood Induced Fracturing" at the third annual meeting of the Completion Engineering Association held in New Orleans, La., Sept. 27.

Carlos Jerez-Farran, assistant professor of romance languages and literatures, presented "El erotismo en bicicleta en *Cinco horas con Mario*" at the Mid-America conference on Hispanic Literature at the University of Colorado in Boulder, Colo., Oct. 6.

Charles Kannengiesser, Huisking professor of theology, presented the presidential address "The Future of Patristics" at the annual meeting of the North American Patristics Society at Loyola University in Chicago, Ill., May 25. He presented "Structure and Purpose of Origen's Peri Archon" at the Arts and Letters Colloquy at the University of Virginia in Charlottesville, Va., Oct. 19.

Jeffrey C. Kantor, associate professor of chemical engineering, presented an invited seminar titled "Symmetry and Structure in Nonlinear Process Control" to the Department of Chemical Engineering at Louisiana State University in Baton Rouge, La., Sept. 29.

Lloyd H. Ketchum Jr., associate professor of civil engineering, presented the invited talk "Individual Environmental Awareness Can Make A Difference" at the 37th annual meeting of the North Central Garden Club in South Bend, Ind., Sept. 25.

Kwan S. Kim, professor of economics and faculty fellow in the Kellogg Institute, was the keynote speaker at the plenary session on "The Global Economy: Social Teaching and New Economic Thinking" during the *Rerum Novarum* 1990-91 conference at De Paul University in Chicago, Ill., June 27. He presented a paper and participated in a panel discussion on Issues in U.S.-Mexico free trade at the fifth international conference of North American Economic and Finance Association in Mexico City, Mexico, Aug. 7. He gave the keynote speech "U.S. Foreign Economic Policy and the S. Korean Economy" during the international conference organized by the Korean Economic Association in Seoul, Korea, Aug. 17. He presented a paper co-authored with S. Tarreq on foreign trade and income distribution in Bangladesh during the sixth world congress of the Econometric Society in Barcelona, Spain, Aug. 19. He helped organize an international conference on "Trade and Industrial Policies for the '90s: Prospects and Implications for Developed and Developing Countries" sponsored by the international association of State Trading Organiza-

tion of Developing Countries" and the Netherlands Institute for International Management held in Maastricht, Holland, Sept. 19-21. He presented a paper titled "Strategic Approaches to Industrialization: The Case of South Korea" during the conference.

Edward A. Kline, professor of English and O'Malley director of the Freshman Writing Program, presented the paper "Writing About Literature: Beyond Comparison and Contrast" at the 10th annual conference of the Indiana Teachers of Writing in Indianapolis, Ind., Sept. 28-29.

Douglas W. Kmiec, professor of law, delivered an invited paper on "Fresh Thinking on Urban Issues—State and Local Land Use Reform" at the Reason Foundation conference in Los Angeles, Calif., Sept. 17-18.

Rev. Robert A. Krieg, C.S.C., associate professor of theology, served as the moderator for two meetings of the Christology Seminar at the annual convention of the Catholic Theological Society of America held in San Francisco, Calif., June 7-8. He was re-elected as the moderator for next year's meetings of the Christology Seminar. He presided and preached at the Baccalaureate Mass for the summer commencement at the University of Notre Dame, Notre Dame, Ind., Aug. 3.

Charles F. Kulpa, associate professor of biological sciences, presented the invited talk titled "Involvement of Sulfur-oxidizing Bacteria in Concrete Deterioration" at the first international conference on Microbially Influenced Corrosion in Knoxville, Tenn., Oct. 5-10.

Catherine Mowry LaCugna, associate professor of theology, delivered two lectures on "The Trinitarian Mystery of God" to the Victory Noll Missionary Sisters at Victory Noll in Huntington, Ind., Sept. 24-25.

Klaus Lanzinger, chairman and professor of German and Russian languages and literatures, presented an invited paper titled "The American Jason of Thomas Wolfe" at the first annual conference of the American Literature Association in San Diego, Calif., May 31-June 2.

David C. Leege, professor of government and international studies and director of the Hesburgh Program in Public Service, delivered a paper titled "Coalitions, Cues, Strategic Politics, and the Staying Power of the Religious Right" at the annual meeting of the American Sociological Association in Washington, D.C., Aug. 11. A paper which Leege co-authored with Michael F. Welch, associate professor of sociology, Lyman Kellstedt of Wheaton College and Kenneth Wald of the University of Florida titled "Pastoral Cues and Congregational Responses: Evidence from the 1989 NES Pilot Study" was delivered at the annual meeting of the American Political Science Association in San Francisco, Calif., Sept. 1.

Faculty Notes

Craig S. Lent, assistant professor of electrical engineering, presented a talk titled "Transport in Semiconductor Nanostructures" at the Beckman Institute, University of Illinois in Urbana, Ill., Sept. 20.

Edward Manier, professor of philosophy, organized and chaired a session on "Neurobiology and Narrative: Walker Percy" and read the paper "The Limits of Satire: Percy's Parodies of Neuropsychology" at the annual conference of the Society for Literature and Science held in Portland, Oreg., Oct. 4-7.

John E. Matthias, professor of English, gave a poetry reading sponsored by the creative writing program of the University of Illinois at Chicago, Ill., Oct. 2.

Rev. Richard P. McBrien, chairman and Crowley-O'Brien-Walter professor of theology, presented "Preparing the Soil for Healing" at the National Association of Catholic Chaplains meeting at the University of Notre Dame in Notre Dame, Ind., April 30. He gave the M.A. Colloquium "Women in the Church" at the University of Notre Dame, Notre Dame, Ind., May 2. He gave the keynote address "The Church at the Crossroads" at the 19th annual conference of the Center for Pastoral Liturgy at the University of Notre Dame in Notre Dame, Ind., June 18. McBrien gave the keynote address "The Church's Social Agenda for the 1990s" at the 10th anniversary celebration of the Southern Tier Office of Social Ministry of the Diocese of Rochester in Elmira, N.Y., June 29.

Ralph M. McInerney, Grace professor of Medieval Studies, director of the Maritain Center and professor of philosophy, gave the talk "The Mystery Novel" in the Writing Out Loud: 6th Edition at the library in Michigan City, Ind., Sept. 8. He presented "The Mystery Novel" at the Barrington Writing Workshop, Arts Council, in Barrington, Ill., Sept. 10. He presented "Natural Law and Natural Rights" at the Thomas More Society meeting in the Law School White Center at Notre Dame, Ind., Sept. 12. McInerney gave the keynote address "Sin and Crime/Mercy and Punishment: Comment on Catholic Popular Literature" at the Catholic Popular Literature conference at the Catholic University of America in Washington, D.C., Sept. 22. He presented "How Universities Became Non-Catholic" at the Killeen Chair Series 1990-91 on Catholic Colleges in the '90s at St. Norbert College in De Pere, Wis., Sept. 27. He served as chairman of the Wethersfield conference on the Catholic Woman at the Donnell Public Library in New York, N.Y., Sept. 28.

Anthony N. Michel, McCloskey dean and Freimann professor of electrical engineering, presented a seminar titled "Analysis, Design and Implementation of Associative Memories via Artificial Neural Networks" at the Institute of Control Sciences, U.S.S.R. Academy of Sciences, in Mos-

cow, U.S.S.R., Aug. 8. He presented a seminar titled "Associative Memories via Artificial Networks" at the Computer and Automation Institute at the Hungarian Academy of Sciences in Budapest, Hungary, Aug. 22. Michel organized and chaired a session titled "Neural Networks Analysis, Synthesis and Implementation" at the 23rd general assembly of the international Union of Radio Science held in Prague, Czechoslovakia, Aug. 28-Sept. 5. Michel and his three graduate students G. Yen, D.T. Flaherty and J. Si presented three papers titled "A Learning and Forgetting Algorithm in Associative Memories: Results Involving Pseudo Inverses," "A Controlled Gradient Search for the Back-Propagation Algorithm" and "Analysis and Synthesis of a Class of Discrete-time Neural Networks with Staircase Nonlinearities" at the 28th annual Allerton conference on Communication, Control and Computing at the University of Illinois in Urbana, Ill., Oct. 3. Michel and Panagiotis J. Antsaklis, professor of electrical engineering, presented a paper on "Stability Analysis of Discrete Event Systems" at that conference.

Philip E. Mirowski, Koch professor of economics, gave the invited presentation "When Games Grow Deadly Serious: The Role of the Military in the Development of Game Theory" at the Pew Trust conference on Defense Economics at Duke University in Durham, N.C., Aug. 11-12. He presented "Smooth Operator: How Marshall's Curves of Demand and Supply Rendered Neoclassicism Palatable for English Tastes" at the Marshall Centenary conference at Cambridge University in the United Kingdom, Aug. 28-30. He presented "Towards a Post-Modern Theory of Economic Value" at the University of Michigan Political Economy seminar in Ann Arbor, Mich., Sept. 26.

Alven M. Neiman, assistant professional specialist and assistant dean in the arts and letters core course, gave a lecture titled "Ways of Naming and Knowing God: The Case of Sallie McFague" at the NEH sponsored Institute for Core Course faculty at the University of Notre Dame, Notre Dame, Ind., Aug. 22.

Robert C. Nelson, associate chairman and professor of aerospace and mechanical engineering, discussed research being supported by NASA at Notre Dame at the NASA Dryden Research Facility at Edwards Air Force Base, Calif., Aug. 13-16. He presented a research briefing at NASA Ames Research Center in Moffett Field, Calif., Aug. 17. He presented two papers titled "An Experimental Study of the Nonlinear Dynamic Phenomenon Known as Wing Rock" and "Delta Wing Surface Pressures for High Angle of Attack Maneuvers" at the AIAA Applied Aerodynamic conference in Portland, Oreg., Aug. 20-22. Nelson served as a senior chairman of that conference. He gave a progress report on current research and discussed the direction of future research at Aircraft Co., in St. Louis,

Faculty Notes

Mo., Sept. 21. He presented the paper titled "Breaking Down the Delta Wing Vortex—The Role of Vorticity in the Breakdown Process" co-authored with Kenneth D. Visser at the AGARD symposium on Vortex Flow Aerodynamics in Scheveningen, The Netherlands, Oct. 1-4.

Walter J. Nicgorski, associate professor in the Program of Liberal Studies, served as the director of the National Endowment for the Humanities seminar on Cicero for School Teachers at the University of Notre Dame, Notre Dame, Ind., June 25-July 27. He presented the paper "The Democratic Dimension of Cicero's Best Regime" at the annual meeting of the American Political Science Association in San Francisco, Calif., Aug. 31. He gave the paper "Nationalism and Transnationalism in Cicero" in the workshops on "Political Philosophy and Nationalism" and "The Intellectual Dimension of Italian Nationalism" at the conference of the International Society for the Study of European Ideas at the Catholic University of Leuven in Leuven, Belgium, Sept. 5-6.

Timothy O'Meara, provost and Kenna professor of mathematics, presented "Why a Catholic University?" to the faculty in the President's lecture series on Culture and Values at Providence College in Providence, R.I., March 5. He delivered the University of Notre Dame Australia's first public lecture on "The Idea of a Catholic University in Australia" at the Center for Catholic Education in Perth, Australia, June 15.

Mark C. Pilkinton, chair and professor of communication and theatre, gave the invited papers "Medieval Precedent and Producing *The Tempest* Today" and "Implications of the Rose Discovery in Relation to Known Performance Spaces in Bristol" at the Association for Theatre in Higher Education national conference in Chicago, Ill., Aug. 8-11.

Joseph M. Powers, assistant professor of aerospace and mechanical engineering, was a NASA-ASEE Case Lewis Summer Faculty Fellow at the NASA Lewis Research Center in Cleveland, Ohio, June 4-Aug. 10.

Irwin Press, professor of anthropology, presented an address titled "Patient Culture vs. Clinical Culture: Prescription for Dissatisfaction" to faculty and staff of the Regional Genetics Center at Memorial Hospital in South Bend, Ind., Sept. 7.

Eugene Rochberg-Halton, associate professor of sociology, presented an invited lecture on "The Symbolic Self-representation of Democracy—The Case of America" at a conference on "Staatsrepräsentation" sponsored by the political academy of the Konrad Adenauer Foundation and the German Sociological Association in Bonn, Federal Republic of Germany, Sept. 18.

Robert E. Rodes Jr., professor of law and Thomas L. Shaffer, short professor of law, gave talks, visited classes and led a faculty colloquium on the topic "Law Schools and the Jesuit Mission" during the initial Ignatian Anniversary Year ceremonies at St. Louis University in St. Louis, Mo., Sept. 25-26.

Steven T. Ruggiero, associate professor of physics, presented the talk titled "Mixing in TlCaBaCuO Superconducting Film at 61GHz" at the 1990 Applied Superconductivity conference in Snow Mass, Colo., Sept. 26.

Jonathan R. Sapirstein, associate professor of physics, presented the talk "QED and Highly Ionized Many-Electron Atoms" at the workshop "From Fundamental Fields to Nuclear Phenomena," Boulder, Colo., Sept. 20-22.

Mark Searle, associate professor of theology, led seminars on "Liturgy, Spirituality and Culture" at the invitation of New Zealand Bishops' Committee on the Liturgy in Auckland, Dunedin and Palmerston North, New Zealand, May 17-June 14. He lectured on sacramental theology and practice in the diocese of Melbourne, Ballarat and Townsville, Australia, June 22-July 15.

James H. Seckinger, director of the National Institute for Trial Advocacy and professor of law, chaired a seminar on Effective Teaching Techniques in Deposition Programs, gave a presentation on Effective Teaching Techniques in Learning By Doing Programs and chaired a seminar on Teaching Ethics and Professional Responsibility in the Litigation Process for the NITA Program Directors at the Notre Dame Law School, Notre Dame, Ind., Sept. 21-22.

William D. Shephard, professor of physics, presented a paper titled "E687: The Fermilab Wideband Photon Beam Experiment" and was chairman for the closing session of the international symposium on Multiparticle Dynamics, Gut Holmecke, Germany, Sept. 10-14.

Dennis M. Snow, associate professor of mathematics, gave a talk titled "Complex Orbits of Solvable Groups" at the conference on Representation Theory and Complex Analysis at the Centre International de Rencontres Mathématiques in Marseille-Luminy, France, Sept. 3-7.

A. L. Soens Jr., associate professor of English, presented "Reflections in Fall Creek: Jessamyn West and the Wilderness as Looking Glass" during the program Let's Talk About It, NEH, ICH, at the Middlebury Public Library in Middlebury, Ind., Oct. 2.

Donald E. Sporleder, professor of architecture, discussed seismic design issues in architecture in the Future Shocks workshop sponsored by the Indiana Society of Architects and the Construction Specifications Institute at the CSI Trade Fair in Indianapolis, Ind., Sept. 20.

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M. Katherine Tillman, associate professor in the Program of Liberal Studies, gave a paper on "Newman's View of the Role of Imagination in the Development of Mind" initiating the annual Newman Lecture Series at Kansas Newman College in Wichita, Kans., Aug. 20. She gave the keynote address titled "Newman on the Duty of an Educated Free Conscience" at the Centenary Colloquium on John Henry Newman at Michigan State University in East Lansing, Mich., Sept. 21.

Walter J. Tomasch, professor of physics, gave the invited talk "Microwave Dissipation in Zone-Melt Textured and Crystalline High Temperature Superconductors" at the Argonne National Laboratory in Argonne, Ill., Aug. 17.

G.N.R. Tripathi, professional specialist in the Radiation Laboratory, gave the seminar "Resonance Raman Spectroscopy of Chemical Transients" as an invited guest scientist at the Bhabha Atomic Research Centre in Bombay, India, Sept. 3-6. He gave the seminar "Raman Studies of Chemical Reactions" at the Tata Institute of Fundamental Research in Bombay, India, Sept. 5. He was a guest scientist at the University of Gorlchpur, India, Sept. 8-15.

Eugene Ulrich, professor of theology, was invited to present a lecture titled "The Palaeo-Hebrew Biblical manuscripts from Qumran Cave 4" at a symposium on "New Perspectives on Qumran Studies" at the Institute for Advanced Studies at the Hebrew University in Jerusalem, May 15.

Jaime R. Vidal, assistant director of the Cushwa Center, gave the keynote speeches "The Challenge of Hispanic Vocations" and "Issues That Must Be Dealt With in Community Interaction" at a workshop on Hispanic vocations held at Maryknoll, N.Y., Sept. 13-14. He presented a paper on "The Pre-history of Present-Day Puerto Rican Catholicism: 1511-1802" at the meeting of CEHILA, the Historical Commission for the Church in Latin America, held in Santa Fe, N.M., Sept. 20-22.

John P. Welle, associate professor of romance languages and literatures, gave the invited lecture "Pasolini, St. Matthew, and the Marxist-Catholic Dialogue in Italy" at Christ College at Valparaiso University, Valparaiso, Ind., Sept. 24.

Rev. James F. White, professor of theology, gave a response to current issues at a consultation on Revision of the Ordinal at the Garrett-Evangelical Theological Seminary in Evanston, Ill., Sept. 25.

William L. Wilkie, Nathe professor of marketing, delivered an invited lecture on "Marketing and Public Policy" and chaired a dissertation subgroup on consumer research topics as an invited faculty member for the 25th annual doctoral consortium of the American Marketing Association

held at the University of Florida in Gainesville, Fla., July 31-Aug. 4. He served as chairman of the Special Session on Public Policy Research Today—Status and Prospects" and delivered the paper with **Gregory T. Gundlach**, assistant professor of marketing, "An Overview of Public Policy Research in Marketing" at the American Marketing Association's Educators' Conference in Washington, D.C., Aug. 5-7. Wilke's paper "The Marketing Literature in Consumer Policy: 1970-1989" was presented by Gundlach at the international conference on Research in the Consumer Interest in Snowbird, Utah, Aug. 8-11.

Rev. Oliver F. Williams, C.S.C., associate provost and associate professor of management, presented "Caught in an Ethical Squeeze" to the Mennonite Economic Development Associates in Middlebury, Ind., Oct. 11.

Eduardo E. Wolf, professor of chemical engineering, presented an invited seminar titled "STM Studies of the Microstructure of Pt Supported on Graphite" at the Technical University of Vienna in Vienna, Austria, June 13, at the Prague Institute of Technology in Prague, Czechoslovakia, June 15, and at the Institute of Isotopes in Budapest, Hungary, June 22. He presented an invited seminar titled "IR Thermography Studies of CO Oxidation on Pt Supported Catalysts" co-authored with J. Kellow at the Technical University of Slovakia, Bratislava, Czechoslovakia, June 27, and at the 11th international conference on Chemical Reaction Engineering in Toronto, Canada, July 10. Wolf presented an invited seminar titled "Modeling of the Infiltration of Carbon in Carbon Composites by Chemical Vapor Deposition" at the conference on Chemical Reaction Engineering, July 11. The paper was presented by co-author P. McAllister.

John H. Yoder, professor of theology, gave the paper "Ethical Perspectives on Prophetic and Apocalyptic Eschatology" at the symposium on Theological Exegesis at the North Park Theological Seminary in Chicago, Ill., Oct. 14.

Ewa Ziarek, assistant professor of English, gave the invited presentation "Working the Limit: (m)other, text, abject in *Ulysses*" at the 12th international James Joyce symposium in Monaco, June 10-17. She gave the invited lecture "Beckett and Kleist—Two Theories of Performance" at the Beckett symposium Directors and Critics to the English and Theatre Departments at Illinois State University in Normal, Ill., Oct. 4-5.

Deaths

Frederick D. Rossini, professor emeritus of chemistry, the first vice president of research and sponsored programs and former dean of the College of Science, Oct. 12.

Opening Mass Homily

A homily preached by Timothy O'Meara, provost of the University of Notre Dame, in Sacred Heart Church on Sunday, September 9, 1990, at the Mass opening the 149th Academic Year.

My dear Friends and Colleagues,

Good morning and welcome to our opening Mass celebrating Notre Dame's 149th academic year – in historic Sacred Heart Church which has just reopened after a year of restoration.

While spending a rainy vacation on the Maine coast during the month of August, I found the opportunity to catch up on my reading on a number of topics in addition to my mathematics. I was particularly impressed by the variety, quality and provocativeness of the works of several of our own faculty. In my readings I noticed a flurry of activity on the age-old question of the Catholic university. The Jesuits in particular are considering the future of tertiary education as they prepare for the 21st century with a special emphasis on how to maintain the Jesuit and Catholic character of their universities in a time of declining vocations. I myself was moved into thinking anew on this question on August 11 when I realized that that was the hundredth anniversary of the death of John Henry Newman. How appropriate today's readings from Ezekiel, Paul and Matthew are for the occasion.

My reflections are, of course, those of a layman deeply involved in the Catholic intellectual life. What happens to our universities will be determined in large part by developments within the Church, developments which we, as part of the Church, through our graduates, writings and activities, are already helping to shape. The backdrop of issues that are alive within the Church at this time includes fundamental matters of human rights, of the equality of women, of solidarity with the poor, of human sexuality, of the taking and giving of life, of sins against the earth, of celibacy, even of proportionalism in morality. There are less popular issues, such as ethical questions on the behavior of individuals in business and the law – things like stealing or grand larceny in the S & Ls. Eschatological interests – interests in our origins and destiny – which for so long fueled the debate with science – have been shelved, at least until we can grasp what the new cosmology of the physicists and philosophers has to say about the beginning and end of the universe. But at the heart of the matter we find the following questions: Who is the Church? Who sets the agenda? The bishops?

The theologians? The spirit working through the practices and beliefs of all the people of God? Society itself? Or simply the forward march of technology?

Amid this ferment, there is a real sense of vitality among American Catholics – encouraged in large measure by the interest of the media. Simultaneously, there is a tightening of the rules of public dissent within the Church which is received with relief by some, ho-hum interest by many, embarrassment by others, anger by the alienated, and concern by those engaged in the theological enterprise.

So this is a good occasion to step back and look at things from a distance and see how the Church works through time. What better perspective to take than the life and times of John Henry Newman.

Newman's religious pilgrimage was truly ecumenical. His ancestry was English with a Huguenot influence on his mother's side. He experienced an evangelical religious conversion while still at school. He was ordained an Anglican priest, became a leader of the Oxford Movement, which sought a rapprochement between the Church of England and catholicity in practices and beliefs, was converted to Catholicism and became a Catholic priest. He fell out of favor with Protestants and Catholics at different times of his life, but finally restored his good name and influence with Protestants through publication of his *Apologia Pro Vita Sua* and with Catholics following the election of a new pope in the person of Leo XIII. He died a cardinal of the Church and today is revered by Anglicans and Catholics alike.

Newman had a passion for intellectual freedom and believed in an ultimate integrity between natural and revealed truth. Consider for example, his insistence that science and literature constitute nearly all the curriculum of liberal education in his design of a university, in spite of his claim that science injures religion by ignoring it, while literature injures it by corrupting it. We must put up with things as they are, not as we wish them to be, he explains. He then offers theoretical approaches to handling the conflicts between natural truth and religion – solutions which to my mind are not very convincing. What is convincing is the story of the life of a person who spoke of intellectual integrity with the passion of the prophet Ezekiel while following the prescription of Matthew in today's Gospel (18:15-20) in remaining faithful to the Church – faithful, I might add, during a most defensive and inward looking period in her history.

Newman was relentless in distinguishing between "faith" and "matters of opinion" and spoke forcefully of hearing the voice of the faithful in the formulation of doctrine. His abiding belief in the pre-eminence of the intellectual life sustained him in everything he did. He said:

I say that a cultivated intellect, because it is a good thing, brings with it a power and a grace to every work and occupation which it undertakes, and enables us to be more useful, and to a greater number. There is a duty we owe to human society as such, to the state to which we belong, to the sphere in which we move.

His discourses on *The Idea of a University* were, so to speak, a long-range plan for establishing a Catholic university in Ireland. The university, in fact, failed. But the ideas have lived on through many colleges and universities in our country. As a man of letters, Newman gave credibility to Catholic intellectuals in Britain. As a churchman he profoundly influenced the intellectual climate of the Church and prepared the way for the revolutionary theologians of the mid-20th century. His life can be summarized by his epitaph *Ex umbris et imaginibus in veritatem*, Out of shadows and images into the truth. Little wonder that he is regarded by his devotees as the precursor of the Second Vatican Council.

A word about Ezekiel. The ordinary watch or guard in Ezekiel's day stood above the city gates in order to command a view of the distant horizon and in the event of imminent danger sound the alarm and warn the people of the threat from abroad. In today's first reading (33:7-9), God, speaking through Ezekiel, said that the prophet had a different kind of watch – he had to warn the people of Israel of their own blindness, of the threat from within themselves – and if he failed to sound the alarm then he, Ezekiel, would be responsible for their death.

And so it was with Newman – addressing ecumenism, intellectual freedom, faith and opinion, the voice of the faithful – all while remaining true to the Church! Heavy stuff for Victorian England! But Newman had to speak out. He had the watch. He was a prophet for the 20th century in the same way theologians like Yves Congar, John Courtney Murray and Karl Rahner, who in the 1940s and 1950s could do their research but not disseminate it, became prophets for the Second Vatican Council.

In a university every individual has a watch. We have to command a view of that distant horizon and speak out loud and clear as we discover new ideas in the search for truth be that in science or literature, in the arts or technology, in business or law. We are a place of many prophets. A university does not, cannot and should not speak with a monolithic voice. But nor are we a collection of hermits. We are a community. And life within a community must be animated by certain principles. Paul reminds us in today's reading from Romans (13:8-10) that the essence of community is love, that love must not replace the

principles of the community but rather fulfill them, that love must permeate our every action within the community, within the Church, within the university. Matthew reminds us that in conflict resolution we must counsel first with the neighbor involved, then with friends and colleagues, and ultimately, if necessary, with the whole community. And if we do it in the name of Jesus then the Spirit will be stirred and lead us to the truth.

I will end where I started – fortified by today's readings as reflected through the life and example of John Henry Newman. I firmly believe that Catholic universities engaged in the search for truth in an environment of intellectual freedom have a prophetic mission in the 21st century. As universities we have a role to play within the Church, a role which should not be combative but one of positive constructive engagement. Let us pray that all our relationships – with faculty, rectors and students; with Catholics, Protestants, Jews, Muslims, people of all religions; with each other and within the entire Church – be inspired by today's readings of Paul and Matthew on love and community. And let us pray further, gathered together as we are in the name of Jesus, that the Holy Spirit as a kindly Light, lead us on our Way to the Truth which is in our midst.

President's Address to the Faculty October 3, 1990

Introduction

Colleagues and friends. It is my privilege on the occasion of the annual President's Address to the Faculty

- (I) to review some of the highlights of this past academic year;
- (II) to focus on issues and opportunities that we face as an institution; and
- (III) to engage in some brief analysis of upcoming challenges. In the process of reflection on these matters, I have been reminded again of how fortunate we have been institutionally and how well situated we are to respond to whatever the future holds in store.

I. Highlights of 1989-90

The 1980s were a time of sustained academic growth and progressive diversification at Notre Dame. The PACE Report laid out a comprehensive plan for the development of the University in every area of its life, and the Strategic Moment Campaign mobilized our fund-raising capabilities to enable us to achieve these commonly agreed upon ends. Most of us can remember the hesitancy and lack of confidence that greeted our setting the goal of the campaign at \$300 million, a sum that exceeded all of our previous campaigns combined. I am happy to report that, with three months remaining in the campaign, we expect to finish with a total of about \$450 million, half again our original and ambitious goal. Bill Sexton, Joe Sandman and everyone in the University Relations and Development offices of the University deserve a special word of thanks for their deep commitment and dedicated labor in this campaign. And it goes without saying that the planning process for the next campaign is already under way.

The success of the campaign has been accompanied by prudent management of our financial resources. We finished the decade as we began it, with a balanced budget and with incremental growth in the University endowment (which, by the way, reached \$600 million over the summer). In a period when private universities and colleges have been under severe financial pressures, Notre Dame has strengthened its relative position without resorting to risky maneuvers or mortgaging its future. Father Bill Beauchamp, Tom Mason and their many co-workers deserve credit for all of this.

In student life the most noteworthy changes have been: the growth in the percentage of undergraduate women, the steadily increasing numbers of minority students in each of the last three freshman classes, the beginning of construction of a graduate student housing complex, a major commitment of University resources to financial aid, and the preservation of highly competitive standards for admission. With Father Dave Tyson moving on to assume the presidency of the University of Portland, we have been fortunate in gaining the services of Professor Patty O'Hara from the Law School as vice president of Student Affairs.

On the academic side there is much to be said. To concentrate on a few of the high points, faculty salaries have been maintained in the top quintile for all teaching and research faculty, and progress has been made in the salaries of library faculty. Considering the relative cost of living in the South Bend area, we are even more competitive than many institutions in the same quintile. The preservation and enhancement of these rankings continues to be a significant priority of the University.

Among the fruits of our successful fund-raising have been the addition of new academic facilities and the renovation of existing ones. The expansion of Nieuwland Science Hall for physics has been completed, and the new wing is now fully operational. The same is true of the Pasquerilla Center and the Band Rehearsal Building. The Hesburgh Center for International Studies is on schedule and will bring together before the end of this academic year the Kellogg Institute and the Peace Institute. The long-awaited DeBartolo Classroom Building has been begun and soon will allow us to alleviate a serious shortage of attractive classroom space. We have obtained funds for moving the wind tunnel facilities from adjacent to the Joyce Center to a new Aerospace Engineering Laboratory in a renovated building next to Ave Maria Press. In addition, plans are well along for the projected Business Administration Building and the Performing Arts Center, both of which will be part of the DeBartolo Quadrangle.

The question of space and the correlative aesthetic considerations will be with us for the foreseeable future. We are presently experiencing a quantum change in our overall campus building configuration and this is not without some wrenching side effects for all of us who prize the beauty and the accessibility of our grounds and facilities. Once the DeBartolo Quadrangle is completed, I expect a minimum of new construction in the next decade. Instead, we will see more commonly the renovation and/or restoration of existing space. We have built into our budget beginning next summer the regular renovation of our academic facilities, including laboratory space. Roger Schmitz and Tom Mason will directly oversee the planning of this effort.

Documentation

In the academic area nothing has been more crucial than the growth in size, and concomitantly in quality, of our faculty. In your respective departments many of you have participated in the time-consuming yet critical processes of faculty recruitment and promotion. The rather high percentage of our junior faculty who are deemed worthy of tenure at the appropriate point in the evaluation cycle is perhaps the greatest testimony to the success of your efforts.

In our largest college, the College of Arts and Letters, Dean Mike Loux has overseen well the most complex major academic unit. We have been able to achieve a gradual reduction in average teaching loads in the college and a major improvement in financial support for research at the same time that the numbers of undergraduates have remained high. The growing peer recognition of the college's faculty is evident in our position among the top five private universities in gaining National Endowment for the Humanities fellowships for independent study. In addition, five faculty have been elected to membership in the prestigious American Academy of Arts and Sciences—Hesburgh, MacIntyre, McCormick, McMullin and Plantinga.

Dean Jack Keane has brought to his role in the College of Business Administration valuable experience both in the academy and in government service. Building on the recognized strengths of the undergraduate programs, the MBA program was included for the first time among the top 40 in the country by *Business Week*, and there has been a 30 percent increase in MBA applications. Planning continues for the college's new building complex, and a new Center for Business Communication has begun.

In the College of Engineering, Dean Tony Michel has smoothly achieved a major reorganization of departmental structures to form the Department of Electrical Engineering and the Department of Computer Science and Engineering. In addition, he and Dean Keane have initiated a five-year Engineering/MBA program. Ten new faculty have been hired and the Minority Engineering Program has received corporate funding. Within the college, the School of Architecture has hired three new faculty and continued planning for renovation of its physical space. Professors Carberry and Schmitz continue as elected members of the National Academy of Engineering.

Dean Frank Castellino has led the College of Science during a time of significant national debate about scientific research, its quality, scale and sources of funding. The college has made steady progress in recruiting new faculty (including two new endowed assistant professorships for junior women faculty) and in remaining competitive for the decreasing percentage of approved research projects that are funded by NIH or NSF. The Land O'

Lakes property in upstate Wisconsin (UNDERC) continues to be a major research site for the Department of Biological Sciences and for many other affiliated universities. Professor Craig and Father Hesburgh continue as elected members of the National Academy of Science.

Finally, I offer my congratulations to Dean Dave Link of the Law School who will take a year or two of leave to serve as the first president of the University of Notre Dame—Australia. Dave, who has served longest of all the deans, has seen the Law School emerge as one of the top 20 in the country. The faculty have attained greater visibility through increased publication and through public service appointments such as those received by Professors Ripple, Kmiec and Gurule. Under the able leadership of Roger Jacobs, the law library collection and user services are much improved and recently the University purchased a large collection of volumes from the Chicago Bar Association.

As is evident from even this brief survey, the four colleges and the Law School all have enjoyed excellent leadership from their respective deans and undergone significant transformations in academic quality. But all of this would not be possible without the contribution of many other units of the University. Nathan Hatch, vice president of Graduate Studies and Research, has reorganized his central administration with a strong stress on rapid service and on long-range planning at the graduate level. The pace of departmental and institute/center reviews has been speeded up. As you know, these evaluations are based on reports by external reviewers as well as our own faculty committees. Bob Miller has overseen a review of the University Libraries including the utilization of existing space and future space needs, a proper targeting of collection development in line with endowment income, and a proper balance between personnel and materials purchasing as the University enhances the library's share of the operating budget. Don Spicer has carried forward the University's commitment of 27 million additional dollars for computer development, including an increasing number of work stations, easier access to the mainframe and a fiber optic wiring of the campus.

In any academic environment there is no substitute for hard work and cooperative interaction. This spirit surely has characterized this past decade as well as this past year at Notre Dame.

II. Issues and Opportunities

In this section I would like to take up four matters of University-wide significance: The Apostolic Constitution on Catholic Universities, intercollegiate athletics, ethics in the curriculum, and gender-related issues at Notre Dame.

Documentation

(1) *The Apostolic Constitution on Catholic Universities (1990)*

After almost 10 years of deliberation, the long-awaited Apostolic Constitution on Catholic Universities finally appeared last week over the signature of Pope John Paul II. I am happy to report that the final version of the constitution is, in my judgment, a nuanced treatment of the topic and a full affirmation of Catholic universities like Notre Dame.

In order to place this document in context, let me remind you that in our mission statement and bylaws we confidently proclaim ourselves to be a *Catholic* university. In the transfer of governance that took place in 1967 when the Board of Trustees was created, provision was made for the Fellows—six Holy Cross priests and six lay people—to give special attention to and exercise authority over the Catholic identity of the University and the special role within it of the Indiana Province of the Congregation of Holy Cross. It is our institutional intention and goal to serve effectively both society and the Church in the ways that only a Catholic university can.

At the same time, as a university we participate in the broader framework of American higher education with its long established traditions of academic freedom, open debate and tenured professorships. The makeup of our faculty, staff and student body includes a proportionate number of persons from other religious traditions or none. As a result, it is imperative that we participate in a continual conversation about the relationship between our understanding of Notre Dame as a university and as a Catholic university. The healthy tension that can result from this conversation can help us to avoid either a tacit secularization or a recrudescence of parochialism.

The appearance of the constitution can become an occasion for healthy discussion of this difficult topic. Let me begin with some general characteristics of the document. It is relatively brief and readable—approximately 48 pages. Overall, it is positive in tone. It is realistic in its appraisal of contemporary culture and of the pivotal role played by institutions of higher education. It encourages a continual dialogue between faith and reason, with a special concern for the ethical dimensions of science, technology and business. It pays special attention to the indispensable role of lay people at every level of university life. Finally, it gives significant place to the extra curricular aspects of universities, including pastoral ministry, continuing education, cultural dialogue and service to the poor.

The constitution is divided into two sections. The longer prose section offers general reflections about the nature of Catholic universities. The final, rather brief section is made up of General Norms. Two topics that are covered that I would draw to your attention deal with academic

freedom and with the relationship between the university and the local bishop.

The operative text regarding academic freedom reads as follows: "Freedom in research and teaching is recognized and respected according to the principles and methods of each individual discipline, so long as the rights of the individual and of the community are preserved within the confines of the truth and the common good (Article 2.#5)." The subsequent text on Catholic theologians (Article 3.#3) may seem more restrictive, but I believe can be properly glossed to be included under the fundamental claim about academic freedom.

The relationship between a Catholic university and the local bishop is addressed in both the prose text and in the normative section. In the former, bishops are encouraged actively to promote Catholic universities and to be concerned about the strengthening of their Catholic identity. "This will be achieved more effectively," it goes on to say, "if close personal and pastoral relationships exist between University and Church authorities, characterized by mutual trust, close and consistent cooperation and continuing dialogue (28)." In the same spirit the normative statement reads as follows: "... the responsibility for maintaining and strengthening the Catholic identity of the University rests primarily with the University itself (Article 4.#1)."

From my experience, Notre Dame is highly regarded by the American Catholic hierarchy, and we have enjoyed an excellent relationship with our local ordinary, Bishop John D'Arcy. We are fortunate to have avoided the unproductive public attacks that sometimes take place elsewhere.

We are a Catholic University because of our roots and history and because we continue to affirm this institutional identity. It is, I believe, our greatest strength. But it would be Pollyannaish not to acknowledge that, as we grapple with the requirements of this charge, we will need cooperation at every level of the University. How can we preserve a core of committed Catholic scholars while at the same time remaining a welcoming and supportive environment for scholars of other religious traditions or none? How can we provide helpful and competent pastoral care for students, staff and faculty from all faith traditions? How can we celebrate our common life in liturgy with reverence and a proper sense of inclusiveness? Let us have the courage to address these and other issues related to our Catholic identity with openness and a concern for the common good.

In conclusion, I do not expect the Apostolic Constitution to alter in any significant way the manner in which we live out our Catholic mission and identity. Rather, its appearance can be an opportunity to rediscover the importance of our collective responsibility to serve well both society and the Church.

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(2) Intercollegiate Athletics

After consultation in 1987, I issued a document called a *Statement on Intercollegiate Athletics*. In it I said, "It seems appropriate in the first year of my Presidency that I articulate as clearly as I can the central values and expectations, as well as the supporting structures, that will guide our institutional participation in intercollegiate athletics in the coming years." Because we have received over the last year a couple of rounds of unfavorable publicity with regard to our athletic programs, I think that it is timely for me to repeat some of the points articulated in the original statement.

Here are the basic principles with regard to *academics*:

"(i) No student athlete will be accepted into the University who does not possess, on the basis of the best available testing instruments, the capacity to complete successfully a baccalaureate degree at Notre Dame.

"(ii) Once the University admits a student athlete it pledges that it will make every effort to provide proper academic counsel and support.

"(iii) In the arrangement of schedules for practice and competition every effort will be made to minimize conflicts with the class schedules and academic assignments of student athletes. Special attention will be paid to the rhythm of the academic year and the particular importance of final examinations.

"(iv) The normal expectation is that student athletes will maintain the appropriate sequence of courses and a high enough grade point average to graduate in four years (including summer schools). If academic programs or personal circumstances dictate otherwise, this should be recognized as an exception."

I consider these four principles an adequate, if not exhaustive, formulation. During this past summer Father Bill Beauchamp appointed Professor Kate Halischak as assistant to the executive vice president and director of Academic Services for our student athletes. She will be overseeing the support services available to our student athletes through the Athletic Department. Obviously, the bulk of our effort will be carried by the Admissions Office and by the general faculty. I want to make a special plea to you as faculty to direct any concerns that you have with regard to patterns at variance with these principles to our Faculty Board in Control of Athletics. This body is prepared to play a pivotal role; all that is required is your confidence and cooperation.

In the section of the *Statement* on student life there are also four basic principles and I quote:

"(i) Student athletes are subject to all University guidelines and rules printed in the student handbook *du Lac*. Enforcement of these rules is entrusted to the Student Affairs staff according to standard procedures of judicial review.

"(ii) As a highly residential University where the majority of students live on-campus, student athletes will normally live in dormitories. However, there will be *no* separate dormitories or sections of dormitories restricted to student athletes. The goal is to have a complete integration of student athletes into the student body.

"(iii) Because of the manifest harm connected to drug use in our society, particular attention will be given to providing education and counsel for all students and student athletes with regard to the matter. Whenever circumstances warrant it, there will also be random, unannounced drug testing for student athletes. The results of these tests will be dealt with according to a previously established policy made known to all student athletes.

"(iv) Chaplains will regularly be provided for our athletic teams. Their duties will include pastoral care and liturgical service for athletes and coaches."

The most important aspect of the first principle on student life is that Student Affairs is the prime agent of disciplinary authority for all students, with no exceptions. While coaches or the athletic administration may levy their own penalties, these are not to substitute for a consistent, University-wide application of standards of conduct. Because of the confidential nature of such action, it is not always possible for the University to defend itself against charges of favoritism or inconsistency. Nevertheless, it remains crucial that all units of the University, each of which deals with different aspects of a student's life, act in tandem and with mutual respect.

The most troubling dimension of accountability with regard to the conduct of student athletics is the potential use of recreational or performance-enhancing drugs. This is a societal problem that no academic institution can entirely escape. In order to prevent and/or control such drug use, Notre Dame has put in place a very expensive and comprehensive program of regular, unannounced, random drug testing of our student athletes. Clear penalties are imposed when drug use is detected. We believe that these tests have made a positive difference. We realize that no testing routine is perfect, however, we always strive to be both fair and consistent.

As some of you may have read, there are presently challenges in the courts to this sort of routine drug testing of student athletes. On what grounds some ask, are athletes

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tested and not the student body or the faculty and staff as a whole? This is a legitimate question of public policy about which people of goodwill may disagree. I personally favor continuing our present policy as long as it is legally acceptable. The risks to the individual athlete of the regular use of cocaine, steroids or other illegal drugs, as well as the competitive climate which fosters the search for an advantage, are sufficient reasons in my judgment both to continue on our present course and to do an even better job of education and prevention.

In the remaining sections of the Statement on Intercollegiate Athletics, I treat the role and responsibilities of coaches and athletic administrators. Rather than quote all of this material to you, I would like to refer to two texts explicitly. The first is Principle (iv) under Coaching Staffs. It reads: "Coaches are held to the guidelines and rules agreed upon by the member institutions of the NCAA. This applies to recruitment, financial aid, team discipline and other related matters. Any violation of these standards will be treated with utmost seriousness."

We are presently in the midst of one of the periodic efforts at reform in intercollegiate athletics. The existence of the Knight Commission, cochaired by Father Ted Hesburgh and Bill Friday, as well as a newly energized President's Commission within the NCAA, are signs of this activity. At the upcoming NCAA meeting a broad range of proposals will be discussed and put to a vote of the membership. The skeptics among us doubt that the genie can be returned to the bottle; others of a more sanguine temperament believe that genuine reform can be achieved. I would include myself in the latter category. We intend internally to stand with the reformers within the NCAA and to help lead in the further development of this institution.

The most perplexing dimension of this discussion is the inordinate attention devoted to athletics by the media. For better or worse, student athletes and coaches as public persons are subject to regular review and analysis. They alternate between being presented as icons and as villains. We need to regain a sense of balance about this phenomenon, both in general and as it applies to Notre Dame.

The second text that I will quote is from the section on Athletic Administration. It reads:

"(i) Notre Dame will endeavor to maintain a high-quality, competitive athletic program consistent with its heritage. If and when problems arise, public accountability will be given consistent with principles of justice and due process.

"(ii) The total athletic program of the University will generate sufficient funds to be self-supporting. This should never be done to the detriment of the integrity of the institution or its identifiable priorities. There will be no booster clubs or other such entities outside of the direct control of the Athletic Department. The annual operating budget and the ongoing financial activities of the Athletic Department will be subject to the same review and approval process as are all other operating units of the University."

I believe that it is possible for us "to maintain a high-quality, competitive athletic program consistent with (our) heritage." Furthermore, I expect that this search for excellence will apply across the board in all sports, female and male, highly profitable and not.

I do not foresee us taking the route of the Ivy League or other institutions that have redescribed their commitment to intercollegiate athletics. We have a unique tradition here, and one worthy of fostering.

The financial viability of intercollegiate athletics as they have existed is very much in doubt. Major research universities like Harvard, Stanford, Michigan and UCLA regularly make up for deficits in their athletic budgets by transferring funds from their operating budgets. The revenue available from ticket sales, programs, parking, concessions, and radio and television is often insufficient to keep athletics self-sustaining. Thus, the scramble for additional sources of revenue.

At Notre Dame we have been fortunate in being able to pay for a diverse, high quality range of sports at the varsity, non-varsity and intramural levels from the revenues generated by two sports—football and men's basketball. We also enjoy excellent facilities. When the University agreed to enter into a contract with NBC to televise our home football games for five years, our intent was to enhance the financial aid resources of the University and not to boost the resources of the athletic department as such. The athletic budget is reviewed and approved each year. It is our hope that the athletic programs of the University will continue to be covered out of available athletic income, and thus any surplus can continue to be directed to various other needs of the University.

Let me conclude these comments on intercollegiate athletics by thanking Father Bill Beauchamp and Dick Rosenthal for their fine leadership in a highly publicized and sometimes controversial side of University life. Notre Dame will continue to strive to represent the best in intercollegiate athletics. At its most rewarding, intercollegiate athletics brings fun, friendly competition and school spirit to our campus. May it always be thus.

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3. *The Ethical Dimension of Education at Notre Dame*

In May of 1990, after a full year of review and discussion, a committee chaired by Associate Provost Father Ollie Williams and made up of faculty and students, presented its final report to the provost. The content of the report is concerned with ethics in the curriculum. After carefully reading this report, I want to congratulate the committee for the thoroughness of its review and for the quality of its recommendations. The next stage of discussion of this document will take place at the level of the College Councils and the Provost's Advisory Committee. However, I encourage all faculty to peruse the report carefully and to bring your own pedagogical experience to the discussion of its recommendations.

The first part of the report makes recommendations concerning the University as a whole and is followed by detailed recommendations pertinent to the four colleges, the School of Architecture and the Law School. Never before have we had such a comprehensive analysis of the ethical dimension of the education we provide and of the untapped potential of this dimension.

During the course of the last few years I have given a number of talks on professional ethics, with varying applications to the specific audiences I was addressing. Invariably in the questions and answers or commentary that follow, a common theme emerges: Universities have to do a better job in preparing their graduates for the real world of professional practice. I take this to mean that we have a dual task. First, we need to foster the development of good people, individuals of character and value. Secondly, we need to introduce students to a theoretical framework relative to which they can think through the range of dilemmas faced by any active participant in a profession. In a sense, the first task is most directly related to the quality of the overall curriculum and to the thoughtful and self-involved way that the individual takes advantage of the learning opportunities available. The second task, however, requires more explicit structuring and the consent by the faculty of a given unit to the notion that ethics is more than a field of specialization; it is at the heart of our professional commitments and responsibilities.

I am confident that during this coming year this Report on the Ethical Dimension of Education at Notre Dame can lead to a real transformation of our curriculum.

4. *The Year of Women*

Last year I appointed two committees to focus on matters related to gender—the Faculty/Student Committee on Women and the Committee for the Year of Women celebration. The first of these committees is chaired by

Kathleen Cannon, our new associate provost, the second by Eileen Kolman, dean of the Freshman Year of Studies. The first committee has a more long-range and ongoing agenda, while the second is focused on planning and coordinating a year of activities.

Without trying to preempt the work of these two groups, I would like to offer some brief reflections about two aspects of gender in our life and work.

During the course of the last four years, our undergraduate female enrollment has grown from 32 to 37 percent. This was the result of a decision by the Board of Trustees five years ago to adopt a policy of organic, incremental change in the ratio of male/female undergraduate students. At the time the decision was made, the pool of female applicants was approximately 37 percent. Last year it was somewhat more than 40 percent.

It is my intention to ask the trustees once again to examine this question. It seems to me that we have two options: Either we can move toward gender-blind admissions or we can continue to adjust our percentages of admitted females to some preset limit, presumably corresponding to rough estimates of the applicant pool over a given span of time. For purposes of discussion I think it is wise to separate the matter of gender-blind admissions from proposals for co-residential housing. In the past these two possibilities have often been coupled and this seems to me to have injected more passion than is necessary into the discussion. We need to do the right thing for the right reason.

A second issue of concern to us all is violence directed toward women, whether in the form of sexual abuse or random criminal behavior. Overall, we enjoy a relatively safe campus. However, periodic incidents remind us that no one is immune and that we need to use good judgment. Our campus security force, under the leadership of Rex Rakow, has been especially sensitive to promoting preventive measures—like improved lighting, phone access, and regular patrols—and to supporting alternative ideas like the Safe Walk program. We will do all we can, both on and off campus, to provide adequate protection for our students, staff, faculty and visitors.

Surprisingly, evidence suggests that sometimes the greater risk to females in our community comes not from strangers but from acquaintances and friends. The phenomenon of so-called "date rape" has received wholesale attention on college campuses across the country. The tragedy is that the victim often is unwilling to make formal charges either in the civil courts or through the university's formal judicial process. This reaction is understandable even if seemingly misguided. Such charges are difficult to prove and the accuser may feel doubly victimized as her character or previous conduct are called into question.

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We here at Notre Dame have not found any quick resolution to this obvious question of justice and human rights. At a minimum, we need to name the problem for what it is and we need to cultivate a climate where women are treated with dignity and respect. I assure you that anyone who comes forward because of the experience of sexual violence will be provided with every resource to receive proper counsel and support and, when willing, to undertake legal action.

I am confident that this Year of Women at Notre Dame will assist all of us in the process of opening our minds and hearts to the ways in which our very constitution as female or male affects our view of the world and enters into all of our human relationships.

III. Future Considerations

Finally, I would like to touch briefly on a potpourri of concerns for the future of the University.

No educational institution can properly view itself without taking into account the general conditions that prevail in the nation and the world. At this time we are hearing predictions of economic recessions and of the probability of armed conflict in the Middle East. If either of these prognostications comes true, we will need to make proportionate adjustments in our planning for the future of the University. Tim O'Meara, our provost, and Father Bill Beauchamp, along with the other officers, have put into place for the first time a five-year budget-building plan. This will enable all major units of the University to respond to emerging needs and to recognize the necessary limits on what can be achieved in a given span of time. We hope and expect that, barring disastrous circumstances, we will possess the resources to expand the size of our faculty, to provide more competitive graduate stipends and fellowships, and to ease the burden on parents of deserving undergraduate students as our costs continue to escalate. We also plan on providing greater resources to the library and to our other academic support services. Furthermore, our institutes and centers will need to be provided with additional resources through renewed fundraising efforts.

As I look around higher education in the United States, I sense a spirit of retrenchment and anxiety about levels of funding, whether from state, federal or private sources. Some of the best known institutions in our country are cutting back, dropping faculty and staff, and beginning a process of redefinition. This is especially true in research universities that have attempted to develop every possible program or that have tolerated a corporate disengagement from the teaching responsibilities of the institution.

I believe that Notre Dame is well situated to respond to this challenge and opportunity. We are small enough to be manageable and large enough to make our presence felt. We enjoy a good reputation overall, but some of the best stories of our academic achievements are yet to be effectively told. We are different in being a "Catholic research university," yet that allows others to view us with greater expectations. We enjoy a high level of loyalty among our graduates and friends, yet this can only be sustained if we remain true to our institutional vision and identity.

In other words, I look forward to the 1990s with great confidence. And some of the things that I see in this future for Notre Dame are worthy of specific acknowledgment:

We will experience a surge of confidence in teaching as a worthwhile and honored profession.

We will continue our expansion of foreign study opportunities and the formal agreement for faculty exchanges in international settings.

We will attract a broader cross-section of the faculty, staff and student body into social service programs both during the school year and in the summer.

We will discover a distinctive Notre Dame way to foster multicultural exchange and the promotion of multicultural friendships.

We will see a burgeoning of the Fine and Performing Arts and this will become a regular point of contact with our surrounding community.

We will find our faculty winning national and international recognition for the quality of their research and publications.

We will think it commonplace that our graduates pursue their studies to the doctorate that they might participate in the proud traditions of the professoriat.

By way of conclusion, I want to offer special words of gratitude to Tim O'Meara, who has directed our academic development for over a decade. His mark is evident in every corner of this collective enterprise. No one could be more indefatigable in his labors or more committed to the life of scholarship and learning. He personifies the best of Catholic higher education.

And to Father Dick Warner and Roland Smith, who make my life so much easier, thanks as well.

Faculty colleagues, you have been so kind to be present for these annual reflections.

Faculty Senate Journal April 10, 1990

Prof. Paul Conway, chair, called the meeting to order at 7:31 p.m. in Room 202 of the Center for Continuing Education. Prof. Mario Borelli offered the opening prayer. Faculty Senate Journals for the meetings of February 12, March 7 and January 23, 1990, were accepted and approved as corrected; members would notify the secretary of any corrections.

Report of the Chair:

Conway has notified all deans of the names of senators whose terms expire in 1990. Each college is to conduct elections and notify the senate of the results. A letter was sent to all faculty as a report of the Committee on Governance and asked for volunteers to serve in the continuing work on this issue. The faculty response was greater than anticipated. The provost responded on March 23 to our letter of March 1 requesting a meeting with the president and provost on the governance issue; the provost and senate chair have met often over the past year, but the governance issue seemed to be one where the full Executive Committee should meet with the highest University officers. The provost suggested a strong role on the issue for the Academic Council and did not address the senate's idea for a special committee. The meeting will be June 5. In the meantime, faculty volunteers and the elected faculty members of the Academic Council will not be immediately contacted in light of the upcoming meeting and the provost's position.

The Academic Council will not meet as scheduled on April 11, and so the senate's proposal to extend the tenure clock will not be considered; the issue has been entangled in legal wrangling and will be addressed by a special committee to recommend appropriate language. The committee will be chaired by Associate Provost Roger Schmitz and will include Conway and Prof. Frank Connolly from the senate and Prof. Fernand Dutilleul from the Law School. The provost believes the issue will be passed; he favors it and will "grandfather/mother" as appropriate. The senate is conducting a special vote for faculty members to represent the faculty on the Academic and Faculty Affairs Committee of the Board of Trustees. With this election the senate will actually have one extra representative on this committee since the chair is already an elected member of the committee.

Report on Special Professional Faculty:

Dr. F. Ellen Weaver, who chaired the recently-abolished senate ad hoc SPF committee, reported in a very positive manner on the new University SPF Committee. It has

clearly defined what the SPF is and what are the criteria for appointment and promotion. The official announcement of the results has yet to be made, pending approval in the fall of the Academic Council. The senate had initiated and pushed for this committee and had urged on the work now being accomplished.

Report on the Standing Committees

Academic Affairs

Prof. Robert Hayes and the committee continue to work on the correlation between curriculum and library development. A recent survey of chairs and program directors indicated some lack of knowledge on their part of library bibliographers available to them, and also that they need more money. The committee may develop a recommendation for senate action. The committee has also looked into the openness of the tenure process and the timely transmittal of information to candidates. An informal poll of our "peer" institutions shows their processes more open and that candidates generally know what their departmental decision is on their case. There may be a resolution forthcoming on this issue also. Prof. James McCarthy urged that any resolution include the requirement of "timely notification" of candidates. Prof. Richard Sheehan asked if the provost's office had been involved in these discussions, and Hayes said not as yet; he presumes their input will come if the senate decides to take some action to the Academic Council.

Benefits

Chair Prof. Frank Bonello hopes to have a new "compensation report" ready for the May meeting. He reported that the sub-subcommittee of the Budget Priorities Committee has endorsed TIAA/CREF alternate investment vehicles and cashability, but no action by the full BPC has taken place yet. The committee has not accepted the senate's parental leave proposal, but is drafting an alternative; he wants to be sure his defense of the original proposal is on record when the full BPC takes up the issue in a future meeting.

Student Affairs

Chair Prof. Clark Power reported on action taken by the Campus Life Council on a student bill of rights. It addresses judicial proceedings (along the lines suggested by the senate two years ago), open hearings and certain freedoms (assembly, speech). The chair of the committee presented two further motions on the issue of the Faculty Board in Control of Athletics. Prof. Stephen Fallon spoke for the committee. After its March meeting, the senate asked the president to bring the membership of the FBCA into compliance with the Academic Articles, and this has been accomplished.

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The first resolution dealt with the eligibility of deans to serve on the FBCA. In order to assure greater faculty representation it has proposed that deans and their associate and assistant deans be excluded. The other resolution dealt with the confidential nature of the FBCA actions and asked for certain modifications of that policy. Debate and discussion proceeded on each resolution in turn. Fallon, in his discussions with deans on the issue, found conflicting arguments: on one hand to exclude some faculty members who are deans subverts the democratic process; on the other hand, there is a part of a dean's responsibility which does take him or her away from the faculty. Prof. Frank Connolly wondered why we would want to restrict faculty freedom to choose whoever from the faculty we want on the FBCA; he was unsure what has caused this issue to arise. Power pointed out that there is provision in the articles for the participation on the FBCA of administrators, and that is where deans should be appointed. McCarthy thought the resolution was unnecessary. Prof. James Taylor outlined the manner of election the Engineering College uses for election; a dean may place himself in nomination as a faculty member, yet has to be elected as a faculty member by his colleagues; this seems to be quite open and democratic and should not be interfered with. Prof. Mohamed Gadel-Hak asked why stop at deans? Chairs, assistant chairs and directors are all faculty; he said the proposal is potentially excluding half the faculty and did not favor it. Borelli thought the specification of candidates was not as important as the specification of the manner in which candidates are selected; it should be an open and free election. Prof. Peter Moody wondered if the deans or anyone on an administrative level should be left to presidential appointment only.

Prof. Ray Powell pointed out that the president, through the newspaper, has heard about our previous discussion and apparently has complied with our request. Shouldn't more time lapse before we hit him with another? Prof. J. Keith Rigby asked why we do not want deans on the FBCA. Fallon responded, on an anecdotal basis, that the position does involve some removal from the faculty and has more access and connection to administration; he emphasized that it involves absolutely no mistrust of any current FBCA member.

Fallon went on to say that he sensed a reluctance on the part of senators to vote for the resolution on deans. Borelli agreed with him, but indicated he would favor more openness on the part of the FBCA, which was the aim of the other resolution. Sheehan was inclined to favor the resolution on deans, but nonetheless moved to table it and go on to the other resolution; he believed the faculty, speaking through the senate, had voiced its discontent with some of the present structure and mechanisms and urged the administration to listen carefully. Connolly seconded. McCarthy felt that no tinkering by people

unqualified to do so should be countenanced; the FBCA structure has worked and should be left alone. The motion to table was passed: 17 in favor, six against, three abstentions.

The senate moved on to the next motion on the confidentiality and openness of the FBCA. Conway did not know whether the FBCA minutes are currently available for anyone's reading. Connolly asked Bonello to talk about his views as a member of the FBCA on this resolution. Bonello said that the board has talked often about the issue of communicating by and with the faculty and other areas of the University; the board recommends all of its actions to the president, who ultimately decides, so confidentiality is a consideration in this as well as other areas which might affect an individual student athlete. McCarthy thought the board's job was difficult enough as it was without the senate adding more.

Power spoke about the reason his committee started to look into student athletics: faculty complaints on scheduling of trips and practice time which interfered with a student's ability to do class work; in addition athletes seem to be entering Notre Dame without adequate academic preparation. So the faculty has voiced complaints to little avail and some came to the senate to ask for help. The FBCA is the faculty voice, and the faculty should control athletics. It is the faculty's responsibility. We have problems like other schools do, but we do run a clean program. There are things we can do to help, and one of them is to have open FBCA meetings. Conway thought one avenue of communicating on athletics is through the Academic Council.

Borelli spoke in favor of the motion because somewhere the exchange of communication and information, dialogue between the academic side of the University and its athletics, must take place and the FBCA is the only vehicle we have where it does. Nowhere in the articles is there a mention of confidentiality, although he recognized areas where it was essential. Conway believed that the resolution's exclusions, where it could meet in confidential session, would take up most of its meeting time. Connolly asked if the FBCA ever undertook the consideration of a new coach for a major sport, and would such consideration be confidential? Bonello replied that personnel and financial matters are confidential. According to Conway, the chair of the FBCA, Fr. Beauchamp, would be happy to talk with anyone about the FBCA.

Power returned to a question of principle, that all committees and their work should be presumed to be open unless there is good reason for confidentiality. Lombardo asked if the Student Affairs Committee would want to see a set of minutes of FBCA meetings more widely available. Power said he would not accept any amendments to its resolution. Sheehan thought minutes were not the

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question; the real question was access to the meetings. Bonello said faculty access to FBCA was through its own elected members. Rigby, having spoken to several FBCA members, felt that the board's structure was wrong and that the president should be able to get confidential information. The board needs to be completely restructured for direct faculty input and true control of athletics. One way to approach the problem may be through the Academic Council, but Prof. Kathleen Biddick reported that one senator had tried that and was told to go to the FBCA; it seems we just go around in circles. Moody, supporting the resolution, reminded the senate that we elect the faculty members to be accountable. Power, responding to Rigby, said his committee would begin to work next year on the larger restructuring he is thinking of. Gad-el-Hak called the question, which Weaver seconded. The call of the question having passed, the vote on the resolution was: 22 in favor, two against, four abstentions. The motion carried. (See Appendix A for text of Student Affairs Committee report and resolutions, dated April 9, 1990.)

The chair next called on Weaver to report on the governance issue. She read a draft report which she would ask the senate to approve for presentation to the Board of Trustees, as well as serving as the basis for the meeting on June 5 with the president and provost. Borelli moved to accept the draft report and endorse it; Rigby seconded. Prof. Jack Pratt was troubled by the call to endorse what the senate had not had the chance to read, only listen to. Prof. Joseph Blenkinsopp hoped the senate vote would indicate full support of the senate's position. Connolly thought the issue was so important he believed the 1989-90 senate should endorse, and next month at its first meeting the 1990-91 senate should also endorse it, just before the trustees meet. The senate voted to receive the draft report as presented by Weaver. Weaver then moved a resolution that next year's senate carry forward the wishes of the faculty to increase faculty participation in governance. Gad-el-Hak seconded. The senate concurred unanimously. (The draft report is printed in Appendix B of this journal, and the resolution as Appendix C).

Turning to new business, Power asked to be recognized to propose a resolution from the Notre Dame Committee on the Ordination of Women. Lombardo seconded. Blenkinsopp, in view of the late hour, moved to table the resolution and discussion until the next meeting, and Borelli seconded; the senate agreed.

McCarthy moved to adjourn, Weaver seconded, and the senate concurred at 9:10 p.m.

Respectfully submitted,

Peter J. Lombardo Jr.

In attendance:

Antsaklis, Attridge, Bell, Bentley, Biddick, Blenkinsopp, Bonello, Borelli, Bunker, Collins, Connolly, Conway, Costigan, Esch, Fallon, Gad-el-Hak, Halloran, Hayes, Jerez-Farran, Krieger, Lombardo, McCarthy, Moody, Parnell, Pilkinton, Powell, Power, Pratt, Rigby, Sheehan, Sporleder, Taylor, Wasowski, Weaver

Absent:

Anderson, Bandyopadhyay, Fuchs, Goddu, Hanson, Harmatiuk, Herro, Johnson, C.L., Johnson, P., Keating, Lapsley, Porter, Rai

Excused:

Bender, Despres, Falkenberg, MacKenzie, Quinn

Appendix A

April 9, 1990

TO: Faculty Senate

FROM: Student Affairs Committee

The Student Affairs Committee has turned its attention to the role of intercollegiate athletics in student life. Responding to complaints from constituents and from members concerning excessive demands upon athletes, we have begun the process of collecting data on these demands and exploring the avenues of faculty response (we are still awaiting a copy of the UNC-Chapel Hill report).

If several of us remain in the senate and on the Student Affairs Committee, we anticipate asking the Faculty Senate next fall to establish an ad hoc committee of faculty from across the University to look into the current athletic situation at Notre Dame and to formulate, if necessary, a faculty response.

The committee has put together a package of three resolutions. At the March meeting, the Faculty Senate passed the following version of our first resolution:

1. WHEREAS the current composition of the Faculty Board in Control of Athletics does not reflect the composition of the Board stipulated in the Academic Articles, and WHEREAS one person appointed by the President to faculty membership on the FBCA does not hold a faculty position.

BE IT RESOLVED that the Faculty Senate ask the President's Office to review the articles and comply with them.

At this time we would like to present to the senate for discussion and vote our second and third resolutions.

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2. WHEREAS the deans, associate deans, and assistant deans, while coming from the faculty and retaining faculty appointments, are required by their positions to act as administrators, and WHEREAS the Faculty Board in Control of Athletics should as its title suggests represent the perspective of the Faculty.

BE IT RESOLVED that the senate proposes to the Academic Council the following amendment (*italicized*) to Article IV, section 3, subsection j of the Academic Articles:

The Faculty Board in Control of Athletics consists of the executive vice president, who chairs the board; the vice president for Student Affairs; the director of Athletics; *eight members from the faculty, excluding deans, associate deans and assistant deans*, one elected by and from the faculties of each of the four colleges, one elected by and from the Law School faculty and three appointed by the president; and one member appointed annually by the president from the student body.

3. WHEREAS all the deliberations of the Faculty Board in Control of Athletics are covered by the seal of confidentiality, although this seal of confidentiality is not mandated in the Academic Articles; WHEREAS for several of the board's responsibilities the need for confidentiality is not evident (see change below); WHEREAS the faculty has an interest in the education of all student-athletes; and WHEREAS the FBCA is the only official avenue for the expression of this interest.

BE IT RESOLVED that the Faculty Senate requests that the blanket seal of confidentiality be lifted, that the meetings of the FBCA be made open to the faculty, and that the FBCA retire into closed session governed by the seal of confidentiality only for cases involving 1) the amateur standing of individual students, 2) academic delinquency, serious disciplinary offense or violation of University athletic regulations, and 3) the approval of captains and student managers of all University teams and the winners of monograms.

REVISED April 5, 1990

Appendix B

Draft of Report to Academic and Faculty Affairs Committee of the Board of Trustees

TO: The Academic and Faculty Affairs Committee of the Board of Trustees
FROM: The Executive Committee of the Faculty Senate
RE: Governance

You will remember from our report to you at the meeting of October 26, 1989, and our follow-up report on further developments during our meeting in February 1990, that one of the issues that came before the Faculty Senate during its 1988-89 session was the question of faculty participation in matters which are primarily a faculty responsibility (e.g., such fundamental areas as curriculum, subject matter and methods of instruction, and those aspects of student life which relate to the educational process; as well as appointments, decisions about whether or not to reappoint, promotions and tenure). It is fully realized that budgets, manpower limitations, and the policies of other groups, bodies and agencies having jurisdiction over the institution may set limits to realization of faculty advice. However, it is important, not only for the maintenance of good spirit and loyalty among the faculty, but for the sake of fairness and justice, and the general health of the educational institution, that the channels of communication between faculty and administration be established to allow for the input of faculty on these matters.

Debate on these issues was concluded at the meeting of May 2, 1989, with the following resolution:

BE IT RESOLVED: that the 1988-89 Faculty Senate urges the 1989-90 Faculty Senate to instruct its Executive Committee to undertake promptly a preliminary investigation of the prospects for faculty unionization at Notre Dame and report to the senate no later than its October 1989 meeting the results of this investigation. The investigation should include, but need not be restricted to, the following steps: 1) seeking legal advice about the feasibility of faculty unionization at Notre Dame in the light of the *Yeshiva* decision and subsequent case law; 2) gathering information about the actual costs and benefits of faculty unionization at comparable institutions of higher education such as the University of Minnesota; 3) making contact with potential bargaining agents, specifically, the AFT, NEA, and AAUP, in order to see what they have to offer the Notre Dame faculty; and 4) finding out from NLRB the conditions under which the Notre Dame faculty could vote to unionize.

Rather than focusing on unionization, we decided to explore the entire issue of the role of faculty in governance. You will recall that on Labor Day 1989 the Faculty Senate circulated a draft of a statement on governance to the entire faculty, followed up in November by a survey, in order to determine the position of the faculty on these issues. The results of this survey were shared with you at our meeting in February. Before distributing these results to the faculty, they were also shared with the provost. As a result of all of these proceedings, of which we have tried to keep you abreast, we believe that we do, in fact, speak for the faculty at large.

Based on our study and investigation, we are convinced of the need for a University Committee on Governance to work out the means of restructuring governance at the University of Notre Dame in order to allow for more participation by the faculty. Such a committee should be independent of the Academic Council, composed of a majority of members elected proportionally from the colleges and school of law, and members appointed by the administration.

Although the committee would be free to set its own agenda, based on our preliminary work, the following items are suggested by our survey of the faculty:

1. Restructure of the composition and roles of the Academic Council, Graduate Council and College Councils to allow for greater faculty participation.
2. Mechanisms to allow greater faculty involvement in such matters as: academic concerns, benefits, salary, classroom facilities, athletics, grievance procedures and faculty discipline.
3. Fuller participation of elected representatives at different stages in tenure and promotion decisions.

Appendix C

Resolution on Governance

BE IT RESOLVED: that the 1989-90 Faculty Senate urge the 1990-91 Faculty Senate and its Executive Committee to carry forward the wishes of the faculty to increase their participation in the governance of the University as expressed in the survey of fall 1989.

Faculty Senate Journal May 1, 1990

The chair, Prof. Paul Conway, called the meeting to order at 7:33 p.m. in the auditorium of the Center for Continuing Education and asked Prof. James McCarthy to offer a prayer. Following the chair's welcome to old and new members, he asked each senator to introduce himself or herself. The journal for April 10, 1990, will be approved at a later date.

REPORT OF STANDING COMMITTEES

1. Academic Affairs

Dr. F. Ellen Weaver reported for the chair Prof. Robert Hayes, who was excused for this meeting. She presented two resolutions for the committee. The first requested that a candidate for tenure be notified periodically of the progress of his candidacy. The debate proceeded, as Prof. Mark Pilkinton, chair of communication and theatre, supported the resolution; he believed the silence which he must maintain is harmful, and he would prefer the manner in which Brown University conducts the process: open at each stage, with notice to the candidate as each decision is reached. Likewise, Prof. Leo Despres strongly favored the motion, saying the existing situation where some chairs do and some chairs do not notify the candidates is uneven and unfair. McCarthy questioned the need for a "rationale" to be given for decisions; what legal problems might this present for the University? Prof. Frank Connolly said, and McCarthy agreed, that a candidate has the right even now to ask for the rationale behind the decision at the end of the process; Connolly saw the motion as simply giving this right at earlier stages, and he supported the idea. On a procedural matter, he objected to motions being presented to the senate on the floor during a meeting; he would prefer to see them before so he would have time to consider them carefully. This particular case was not a problem, but he would not want to see this done too often. Weaver responded that the Academic Affairs Committee has reported on its deliberations through the year, and this issue has been in those reports.

Prof. Karamjit Rai thought the rationale given to the candidates at each step was an essential element of fairness. Prof. Charles Parnell offered a grammatical correction, which Weaver readily accepted, as were those of Prof. Mohamed Gad-el-Hak. Prof. Robert Vecchio thought certain stages in the process only made recommendations not decisions, and his wording was incorporated into the resolution. Connolly pointed out the committee's reference to Michigan State University as a "peer institution" was incorrect, although the chair remembered that on occasion the administration had not

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stuck totally to the defined 10. Prof. James Taylor asked for more information on the survey which the committee did of seven other universities to find out about their processes, and Weaver offered to share whatever the committee had with him and any other senator who wished to have it. Dr. Sandra Harmatiuk offered another grammatical correction, which was accepted.

Despres called the question. There being no objection, the chair called for a vote of only those present who were members of the 1989-90 senate. The motion passed: 31 affirmative, one negative, one abstention (printed as Appendix A of the journal).

The committee's second resolution asked that better correlation be made between library and curriculum development through action of the Academic Council. Despres began the discussion by asking who approves curriculum changes on the undergraduate level, the College Council or Academic Council? It was agreed that graduate programs go through the Graduate Council. Taylor believed changes within a department simply went to that particular college council, while those affecting more than a single department went to the Academic Council. Despres thought the situation varied widely and was ambiguous. Another concern he had was the risk departments may feel about being "censored" by the library; new developments in a field may demand new programs quickly. Prof. Margaret Porter related that too many instances exist to her knowledge where programs and institutes were begun without reference to the library, giving the library no notice and no time to develop resources to support the new program. Despres said that in the case of the Kellogg Institute this happened, but Kellogg put one or two million dollars into library development to rectify the situation, something the library could not have done without the new institute. Prof. Kathleen Biddick thought the current motion would not preclude that, but that we should seek greater correlation in the beginning. Despres agreed, saying no new program should be approved by the Academic Council unless it was satisfied the library's resources were sufficient to support it. Prof. Louis MacKenzie spoke in support of Despres' idea; it was only common sense to do an analysis and be sure the support exists. Prof. Alan Krieger thought the analysis of the situation was important, but a program could be started without full resources being available immediately; these could be acquired over time. Both MacKenzie and Despres believed the Academic Council should not approve any new program without support in place.

Prof. Harvey Bender asked if the existing Faculty Committee on University Libraries might not be helpful in the correlation process. Porter thought that committee was narrowly constituted, had other important duties, and

after all was not in the collection development area. Bender disagreed, saying it has had an impact on development in the past and perhaps had been underutilized by both the faculty and the library.

The chair asked the committee to table its motion and bring it back in the fall, taking into account the present discussion. The committee and senate so agreed.

2. Administration

Connolly, chair, reported that his committee has only just received information from a number of peer institutions on their governance procedures. He will compile it and present it to the Executive Committee and return with more in the fall.

3. Benefits

Prof. Frank Bonello, chair, reported that the information on which the committee will compile its compensation report has only just become available. He will make a full statement on it in the fall. The parental leave and TIAA/CREF issues are still under review by the Budget Priorities Committee.

Report from the Chair

Conway wrote to the president and the executive vice president as a result of our resolutions on the Faculty Board in Control of Athletics. In his new appointments Fr. Malloy will rectify the situation on the FBCA where a non-faculty member sits as a faculty member. Fr. Beauchamp replied that there was concern about maintaining confidentiality, but he wanted the senate and all faculty members to know that the elected representatives of the faculty on the board should be utilized by all faculty to bring issues and concerns to the FBCA; further, a summary of the FBCA meetings will now be published in *Notre Dame Report* on a regular basis. He is anxious to meet with any faculty member or group which has concerns about any aspect of our athletics program.

Associate Provost Eileen Kolman wrote to the senate about adding to the membership on the Faculty/Student Women's Committee, apparently to create a balance in the membership among various groups. She asked for recommendations. After a year of senate study, the Executive Committee felt the priority was to have this committee commence its work so it agreed to the recommended change in membership.

Conway reported that the faculty's representatives to the Academic and Faculty Affairs Committee of the Board of Trustees will be Weaver, Borelli, Bellis, Bonello, Milani and Conway. The trustees meet in three days.

Documentation

The chair then reviewed the senate's activities for the year. On the positive side he pointed out that communications between the senate and the administration had rarely been better; his frequent meetings with the provost had served to maintain an openness and a directness in important areas for both sides. Senate action on gender concerns and the special professional faculty had resulted in the establishment of University committees to deal with these matters, and the senate had a strong voice in both. Faculty members recommended by the senate were added to the Sub-sub Committee of the Budget Priorities Committee (Benefits) and the Parking Committee. The tenure clock issue should be settled at the first meeting of the Academic Council in the fall. Some issues had not been so well resolved: governance, athletics, parental leave and faculty alcoholic policy all remain for future discussion and action. The senate will have to continue to voice these concerns and suggest courses of action. On the whole then, the year had been productive, and he wished to thank the members of the Executive Committee and the senate for their hard work and spirit of cooperation in furthering the responsibilities before the senate.

New Business

McCarthy asked who determines the mission of the senate's committees, to which Conway replied that the Executive Committee generally decides on the route and proper methods for its committees. Despres offered a resolution of thanks to the Executive Committee and the senate officers for their work in the past year; Harmatiuk seconded. The resolution passed by acclamation.

Old Business

Prof. Stephen Fallon moved to remove from the table the resolutions on the ordination of women, and Gad-el-Hak seconded. The senate concurred. A lengthy discussion ensued. Prof. Clark Power moved the resolutions, and Fallon seconded, and Power opened the debate by answering a question often asked: Why should the senate take up this issue; he referred to the "whereas" clauses for an answer. Prof. Ronald Wasowski wondered what is official about "The Committee on Notre Dame's Position on the Ordination of Women," mentioned in the debate. Power answered that it was simply a group of interested Notre Dame people, and not an official body. Rigby said that a senate committee had discussed the resolutions in the motion, and had approved one but not the other two.

McCarthy felt it was an unwarranted move for the senate to take up such a question; Prof. Joseph Blenkinsopp replied that one can choose sides and voice an opinion. Prof. Daniel Lapsley thought it entirely appropriate that

the issue be discussed at Notre Dame, and in the senate which is the elected faculty voice here. Pratt asked to circulate a statement in opposition to the ordination of women drafted by his colleague and former senator, Prof. Charles Rice. After some debate, it was felt that such a precedent should be further discussed.

On the motion, Despres thought that the senate's discussion of this issue was analogous to its discussion of the women's committee. He was in favor of only one part of the motion but would support full debate. Rigby asked if the senate could vote on each part of the motion or would it be all or nothing? Power agreed to vote individually on each part.

The first resolution urged the University to sponsor lectures, symposia and debates on the topic during the upcoming year of women. Despres supported that, and didn't see the need of the preceding printed rationale. McCarthy said the whole issue reminded him of "cafeteria Catholicity." Prof. Peter Moody asked if it included the "whereas" clauses. Despres asked Power to remove them. He agreed, saying they were more appropriate for the other resolutions and not this one. McCarthy asked again what the "Committee on Notre Dame's Position" was, and moved to table the motion. There being no second, debate proceeded. Parnell favored only balanced presentations on the issue, and Biddick agreed, saying the "Year of Women" events will be. She saw no bias in the resolution, and suggested that the task force on women was about to construct a survey on Catholic Values, which may pertain somewhat to this issue. MacKenzie asked Power to add the words "and debates" to his motion, which he did, as well as various clarifying grammatical changes. The question having been called, the vote was 29 affirmative, two negative, four abstentions. (Resolution is printed as Appendix B of this journal).

The second resolution stated that the senate "declare our support for the ordination of women to the priesthood." McCarthy thought only Catholics should vote on issues of Catholic doctrine. Prof. Richard Sheehan moved to table the resolution because as an academic community we should "declare our support" only after the lectures, symposia and debates of the first resolution have taken place. Harmatiuk seconded, after which Power withdrew the rest of his motion. The debate concluded.

The senate adjourned its business meeting and proceeded to the election of officers for the coming year. Only new and continuing members would be eligible to vote. Biddick, vice chair, took the chair for the elections process.

Documentation

The slate of officers for the 1990-91 Faculty Senate:

Chair:	Paul Conway
Vice Chair:	F. Ellen Weaver
Co-Secretary:	Peter Lombardo
	William Tageson
Treasurer:	Panos Antsaklis
Chair, Academic Affairs:	John H. Yoder
Chair, Administration:	Frank Connolly
Co-Chair, Student Affairs:	Sandra Harmatiuk
	F. Clark Power
Chair, Benefits:	Frank Bonello

The meeting adjourned at 9:25 p.m.

Respectfully submitted,

Peter J. Lombardo Jr.
Secretary

Attendees:

Attridge, Antsaklis, Bartlett, Bandyopadhyay, Bender, Bentley, Biddick, Blenkinsopp, Bonello, Chang, Connolly, Conway, Costigan, Despres, Esch, Falkenberg, Fallon, Fuchs, Gad-el-Hak, Halloran, Hanson, Harmatiuk, Hemphill, Johnson, C.L., Johnson, P., Jordan, Keating, Krieger, Lapsley, Lombardo, MacKenzie, McCarthy, Martin, Moody, Nichols, Parnell, Pilkinton, Pillay, Porter, Powell, Power, Pratt, Rai, Rigby, Sheehan, Sporleder, Tageson, Taylor, Vecchio, Wasowski, Weaver, Yoder

Absent:

Anderson, Bell, Borelli, Bunker, Collins, Goddu, Herro, Jerez-Farran, Miller

Excused:

Hayes, Quinn, O'Conner

Appendix A

A Resolution

INASMUCH as the current practice of the University, in which a candidate for reappointment or for tenure may not learn of the progress of the candidacy until a final decision has been made, leaves the candidate unable to make informed choices for several months at a crucial time in the candidate's career and has a deleterious effect on the morale of the faculty;

AND INASMUCH as the practice of several institutions, most of which we consider to be peer institutions, shows that it is possible to inform a candidate for reappointment or for tenure of the progress of the candidacy without harm to the University (a summary of the findings of the committee is attached).

BE IT RESOLVED that the Faculty Senate recommend that candidates be made aware of decisions and recommendations and the rationale thereof at each stage of the process of reappointment, tenure and promotion, as each is made.

PASSED

May 1, 1990

31 affirmative

1 opposed

Appendix B

Resolution on Ordination of Women

BE IT RESOLVED that in the Year of Women (1990-91), the Faculty Senate urges that the appropriate entities of the University of Notre Dame sponsor lectures, symposia and debates on the topic of women's ordination.

PASSED

May 1, 1990

29 affirmative

2 negative

4 abstentions

Documentation

University Committee on Libraries August 29, 1990

The meeting was called to order at 4 p.m. in the office of the Director of Libraries by the chairman, John Lucey. Also in attendance were Leo Despres, Maureen Gleason, Robert Miller, Robert Scheidt, Dan Sheerin and secretary Melodie Eiteljorge. Professors Despres and Sheerin replaced Maureen Boulton and Jim Robinson respectively. Boulton resigned from the committee because of other pressing obligations. Robinson is in Europe this semester.

The minutes of May 2 were approved as written.

The first order of business was to establish meeting times for the year. It was agreed that the committee will meet on the second Thursday of each month at 7 a.m. Topics for meetings will include protocols and University Committee on Libraries communications with the faculty, budget and collections.

The election of a chairman for the year was the next agenda item. John Lucey was nominated for a second term, and this was seconded. He was unanimously elected.

Miller reported that the libraries are awaiting word on two grant proposals. He also reported that he has been meeting with vendors for copy service and that a contract should be signed soon.

Miller reported that the budget, which seemed to be in reasonably good shape, has suffered recently due to exceedingly high inflation for serials, which could reach 20-25 percent for foreign material and up to 12 percent in the United States. Projections are based on figures from Faxon and other major publishers. The full impact of this will not be felt until next year. It is important that the committee consider this problem and possible solutions at a future meeting during the year.

Dan Sheerin asked if a consortial arrangement for periodicals had ever been considered. Maureen Gleason replied that this was an issue several years ago, but it was not well received on a national basis. There might be possibilities for it to work on a smaller scale, but there would be many implications.

Miller presented a draft of the Library Policies and Procedures document regarding replacement costs for lost books. The current process for determining cost is time consuming and costly in terms of staff time. He proposed average pricing by LC category as an alternative. The committee discussed and subsequently approved this change.

Miller also reported that it is time for recalls and renewals, this time dealing with material charged out on the automated system. A draft letter to faculty will be distributed at the next meeting.

The Library Advisory Council will meet September 28. Two faculty members will be recruited to participate in a user panel.

There being no further business, the meeting adjourned at 5 p.m. The next meeting is scheduled for September 13.

Respectfully submitted,

Melodie Eiteljorge
Secretary

Graduate School

Current Publications and Other Scholarly Works

Current Publications should be mailed to the Division of
Sponsored Programs, Room 312, Main Building.

COLLEGE OF ARTS AND LETTERS

Economics

Dutt, Amitava K.

A.K. Dutt. 1989. Trade, Debt, and Uneven Development in a North-South Model. *Metroeconomica* 40:211-233.

Program of Liberal Studies

Ayo, CSC, Nicholas R.

N.R. Ayo, CSC. 1990. Book Review. Breaking the Fall: Religious Readings of Contemporary Fiction, by Robert Detweiler. *The Living Light* 26(3):272-273.

N.R. Ayo, CSC. 1990. Book Review. Twin Powers: Politics and the Sacred, Thomas Molnar. *Review of Politics* 52(2):329-331.

Sociology

Christiano, Kevin J.

K.J. Christiano. 1990. Review of *Islands of Holiness: Rural Religion in Upstate New York, 1790-1860*, by Curtis D. Johnson. *Journal for the Scientific Study of Religion* 29(2):266.

Weigert, Andrew J.

A.J. Weigert. 1990. Review Essay of Michael Young's *The Metronomic Society*. *Contemporary Sociology* 19(3): 434-439.

Theology

Kannengiesser, Charles

C. Kannengiesser. 1990. "The Search for the Christian Doctrine of God": The Arian Controversy. *Catholic Historical Review* 76(3):579-583.

C. Kannengiesser. 1990. Alexander and Arius of Alexandra. The Last Ante-Nicene Theologians. Pages 391-403 in, PLEROMA. Compostellanum, Santiago de Compostela, Spain.

O'Meara, OP, Thomas F.

T.F. O'Meara, OP. 1990. A Visit to the Novitiate. *Informations Dominicaines Internationales* 18:3-9.

Yoder, John H.

J.H. Yoder. 1990. The Wider Setting of "Liberation Theology." *Review of Politics* 52(2):285-296.

COLLEGE OF SCIENCE

Chemistry and Biochemistry

Gellene, Gregory I.

G.I. Gellene and R.F. Porter. 1990. Rydberg States of H₃: Application of Neutralized Ion Beam Techniques. *Accounts of Chemical Research* 23:4432-4439.

G.I. Gellene. 1990. A Reinterpretation of the Observed Metastability of NeH. *Journal of Chemical Physics* 93(15):2960-2962.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Jumper, Eric J.

E.J. Jumper. 1990. Simple Theories Useful in Interpreting Computation Results. Pages 240-243 in, Proceedings of the IMACS International Conference on Computational Physics. Association Internationale Pour Les Mathematiques et Calculateurs en Simulation, Denver, Colorado.

Civil Engineering

Spencer, Jr., Billie F.

J. Suhardjo, B.F. Spencer, Jr., and M.K. Sain. 1990. Feedback-Feedforward Control of Structures Under Seismic Excitation. *Structural Safety* 8:69-89.

Electrical Engineering

Sain, Michael K.

See under CIVIL ENGINEERING; Spencer, Jr., Billie F. 1990. *Structural Safety* 8:69:89.

Materials Science and Engineering

McGinn, Paul J.

P.J. McGinn. 1990. Characterizing the Process-Property Relationships in High T_c Superconductors. *JOM* 42(5):9.

COLLEGE OF BUSINESS ADMINISTRATION

Management

Vecchio, Robert P.

G. Catsiapis and R.P. Vecchio. 1990. Correlates of Personal Expenditures for Postsecondary Education. *Psychological Reports* 66:419-425.

Graduate School

LAW SCHOOL

Shaffer, Thomas L.

T.L. Shaffer. 1990. On Checking the Artifacts of Canaan: A Comment on Levinson's 'Confrontation.' *DePaul Law Review* 39(4):1133-1142.

T.L. Shaffer. 1990. Review of Sapperstein's "Jewish Preaching." *Christian Legal Society Quarterly* 11(2)25-26.

T.L. Shaffer. 1990. The Family as a Client-Conflict or Community? *Res Gestae* 34(2):62-68.

SNITE MUSEUM OF ART

Matthias, Diana C.

D.C. Matthias. 1990. Teaching Medieval Literature in a Museum. *Studies in Medieval and Renaissance Teaching* 1(Spring):49-56.

Graduate School

Awards Received and Proposals Submitted

AWARDS RECEIVED

In the period September 1, 1990, through September 30, 1990

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	4	116,880	8	425,950	12	542,830
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	0	0	1	12,000	1	12,000
Service Programs	0	0	9	64,161	9	64,161
Other Programs	<u>3</u>	<u>53,376</u>	<u>1</u>	<u>52,148</u>	<u>4</u>	<u>105,524</u>
Total	7	170,256	19	554,259	26	724,515

PROPOSALS SUBMITTED

In the period September 1, 1990, through September 30, 1990

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	7	916,906	36	3,731,986	43	4,648,892
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	1	32,221	1	152,745	2	184,966
Service Programs	0	0	1	132,500	1	132,500
Other Programs	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	8	949,127	38	4,017,231	46	4,966,358

Graduate School

Awards Received

In the period September 1, 1990, through September 30, 1990

Department or Office	Principal	Short Title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Aerospace and Mechanical Eng.	Szewczyk	Bluff Body Wake Flows	Department of the Navy	60,000 6
Aerospace and Mechanical Eng.	Stanisic	Singularity-Free Manipulation Systems	National Science Foundation	10,000 24
Biological Sciences	Bender	North Central Indiana Regional Genetics Center	Indiana State Board of Health	49,575 12
Biological Sciences	Kulpa	Microbial Treatment of Gold Ores	Newmont Metal- lurgical Services	3,000 12
Civil Engineering	Kareem	Dynamic Response of Structures	National Science Foundation	152,900 5
Chemistry and Biochemistry	Thomas	Clay Studies	Environmental Protection Agency	130,000 24
Chemistry and Biochemistry	Basu, Basu	Glycolipid Metabolism in Tumor and Transformed Cells	National Institute of Health	7,305 12
Government and International Studies	Mainwaring	Brazilian Party Development in Comparative Perspective	Stanford University	38,000 9
History	Meyerson	The Jews of Murviedro	National Endowment of the Humanities	750 6
History	Meyerson	The Jews of Murviedro	Memorial Foundation Jewish Culture	3,500 15
Graduate School	Diffley	Graduate Research Fellowship Program	National Science Foundation	37,800 60
South Bend Center for Medical Education	Olson	Hormone Metabolism by Fish Gills	National Science Foundation	50,000 12
AWARDS FOR INSTRUCTIONAL PROGRAMS				
Kellogg Institute International Studies	Bartell	The Transition to Democracy in Paraguay	National Endowment Democracy, Inc.	12,000 12

Graduate School

AWARDS FOR SERVICE PROGRAMS

ND Center for Pastoral Liturgy	Bernstein	Notre Dame Center for Pastoral Liturgy - Publications	Various Others	4,341 1
ND Center for Pastoral Liturgy	Bernstein	Notre Dame Center for Pastoral Liturgy	Various Others	443 1
Center Continuing Formation Ministry	Pelton	Notre Dame Center for Continuing Formation in Ministry	Various Others	22,581 1
Institute Pastoral Social Ministry	Pelton	Institute for Pastoral and Social Ministry	Various Others	94 1
Institute Pastoral Social Ministry	Pelton	IPSM Dynamic Parish	Various Others	726 1
Institute Pastoral Social Ministry	Pelton	IPSM-Marketing Account	Various Others	4,995 1
Latin/N. American Church Concerns	Pelton	Latin and North American Church Concerns	Various Others	231 1
Law School	Booker, Doran, Gasperetti	Legal Aid and Defender Association LSCCP Grant Proposal	Legal Services Corporation	27,000 12
Program for Church Leaders	Kelly	Programs for Church Leaders	Various Others	3,750 1

AWARDS FOR OTHER PROGRAMS

Graduate School	Diffley	Jacob K. Javits Fellows Program	Department of Education	5,670 12
Graduate School	Diffley	Jacob Javits Fellowship Program	Department of Education	15,706 12
Graduate School	Diffley	Jacob Javits Fellowship Program	Department of Education	32,000 12
Philosophy	Morris	Pascal's <i>Pensees</i> : Faith, Reason and the Meaning of Life	National Endowment for the Humanities	52,148 12

Graduate School

Proposals Submitted

In the period September 1, 1990, through September 30, 1990

Department or Office	Principal	Short Title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Aerospace and Mechanical Eng.	Jumper	Removal of Heat From High Thermal Density	DARPA	235,303 43
Aerospace and Mechanical Eng.	Powers	Presidential Young Investigator Award	National Science Foundation	0* 60
Aerospace and Mechanical Eng.	Yang	Analysis of Full-Scale Fire Tests	Sandia National Labs	15,000 3
Aerospace and Mechanical Eng.	Brach	Vehicle Dynamic Simulation	Allied-Signal, Inc.	44,018 12
Aerospace and Mechanical Eng.	Gad-el-Hak	Turbulence Suppression	NASA - Langley Research Center	266,889 36
American Studies	Schmuhl	Lecturing in Discourse of American Democracy and Other Subjects	Council Internatl. Exchange Scholar	27,000 9
Anthropology	Murphy	Social Change and Economic Models Post Trujillo Dominican Republic	Woodrow Wilson Center	17,850 9
Art, Art History and Design	Kinsey	Painting Fellowship	J.S. Guggenheim Memorial Fdtn.	23,100 9
Art, Art History and Design	Rudolph	Medieval Pilgrimage	National Endow- ment Humanities	25,421 9
Biological Sciences	Fraser	Transposon Mutagenesis of NPV Viruses	National Institute of Health	87,733 60
Biological Sciences	Goetz	Insecticides and PCBs on Fish	Department of the Air Force	475,546 36
Biological Sciences	Hyde	Presidential Young Investigator Award	National Science Foundation	0* 60
Biological Sciences	Mossing	Structure and Function of Variant Lambda Cro Proteins	National Institute of Health	90,879 12
Biological Sciences	Mossing	Presidential Young Investigator Award	National Science Foundation	0* 12
Biological Sciences	Kulpa	Bioremediation of Soil	Oxychem Tech- nology Center	107,528 12
Center Bioeng. Pollution Control	Bumpus	Enzymology of Organopollutant Metabolism	Department of the Navy	275,246 36

Graduate School

Chemical Engineering	Hill	Presidential Young Investigator Award	National Science Foundation	0* 60
Chemical Engineering	Leighton	REU Supplement	National Science Foundation	4,732 21
Chemical Engineering	Varma	Combustion Synthesis of Oxide Superconductors	Purdue University	25,819 10
Chemical Engineering	Brennecke	Presidential Young Investigator Award	National Science Foundation	0* 60
Chemical Engineering	Varma, Miller	Combustion Syntheses of Intermetallics and Composites	National Science Foundation	446,028 36
Chemistry and Biochemistry	Jacobs	Presidential Young Investigator Award	National Science Foundation	0* 60
Chemistry and Biochemistry	Chetcuti	Transition Metal Clusters	American Chemical Society	2,500 3
Chemistry and Biochemistry	S. Basu	Biochemical Studies Human Colon Carcinoma/Prostate Tumor Cells	United Health Services	6,000 12
Chemistry and Biochemistry	Castellino	Blood Coagulation Protein-Metal Ion-Lipid Interactions	National Institute Health	239,693 12
Chemistry and Biochemistry	S. Basu	Glycolipid Metabolism in Normal and Pathological Tissues	National Institute of Health	176,425 12
Chemistry and Biochemistry	Gellene	Neutralized Ion Beam Studies of Hydrides of DiNitrogen	American Chemical Society	4,784 4
Electrical Engineering	Lemmon	Presidential Young Investigator Award	National Science Foundation	0* 60
Electrical Engineering	Alcock	Continuous Oxygen and Carbon Sensors in Steel Making	National Steel Corporation	151,205 12
Electrical Engineering	Bernstein	Presidential Young Investigator Award	National Science Foundation	0* 60
Electrical Engineering	McGinn	Grain Alignment of YBCO	CPS Super-ductor Corp.	435,053 36
Electrical Engineering	Stevenson	Presidential Young Investigator Award	National Science Foundation	0* 60
Electrical Engineering	Bandyopadhyay	Presidential Young Investigator Award	National Science Foundation	0* 60
Electrical Engineering	Sain	ATP Program Support	W.J. Schafer Associates Inc.	68,428 12
Electrical Engineering	Bernstein, Bandyopadhyay, Porod	Interconnections in ULSI: Correlation and Crosstalk	Department of the Navy	301,484 24

Graduate School

Romance Languages and Literatures	Cachey	An Italian Literary of the New World Encounter	National Endowment for the Humanities	5,576 3
Mathematics	Hu	Nonlinear Partial Differential Equations	National Science Foundation	42,312 24
Mathematics	Thorbergsson	Differential Geometry of Submanifolds	National Science Foundation	93,865 36
Physics	LoSecco	Research in High Energy Physics	Department of Energy	279,611 12
Physics	Wiescher	Nucleosynthesis in Explosive Hydrogen Burning	National Aerospace Space Administration	401,932 36
Psychology	Borkowski, Whitman, Maxwell	Adolescent Mothers and Their Children: The Preschool Years	National Institute of Health	148,688 12
Sociology	Glass	Work Conditions, Pregnancy, and Employment Continuity	National Institute of Health	76,169 12
Theology	Collins	Commentary on the Gospel of Mark for the Series Hermeneia	J.S. Guggenheim Memorial Foundation	47,075 12

PROPOSALS FOR INSTRUCTIONAL PROGRAMS

Aerospace and Mechanical Eng.	Mueller, McComas, Nelson	REU Site in Aerospace and Mechanical	National Science Foundation	32,221 12
O.S.I.P.A.	Borelli	Promote Minority Enrollment in Graduate School	Department of Education	152,745 11

PROPOSALS FOR SERVICE PROGRAMS

University Libraries	Gleason, Tarrago	Library Resources for International Peace Studies	U.S. Institute of Peace	132,500 24
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* Dollar amount to be determined by sponsor.

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