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Honorary Degree Recipients Announced

Eleven distinguished national and international figures in the church, education, public service, law and business will join principal speaker Mary Ann Glendon as honorary degree recipients at commencement exercises. Glendon, Learned Hand Professor of Law at Harvard University, will receive an honorary doctor of laws degree.

The other honorary degree recipients are:

William K. Blake, chief scientist for hydroaccoustics, David Taylor Model Basin, doctor of engineering. A 1964 graduate of Notre Dame, Blake has been involved for 27 years in research programs related to minimizing vibration and noise control in various naval vessels, as well as in other ships and in automobiles. Working with scientists at Navy and private laboratories and major universities, he also has been active in sonar and propeller research for next-generation submarines and surface ships. He is the author of two books in the field. After receiving his bachelor's degree in chemical engineering from Notre Dame, he earned a doctorate in naval architecture and marine engineering from the Massachusetts Institute of Technology in 1969.

Ruben Carriedo, assistant superintendent, San Diego Unified School District, doctor of laws. Carriedo has worked as a teacher, coach, counselor and administrator in the New York City and San Diego public school systems for most of the past three decades. His current work focuses on standards, assessment, strategic facilities planning and accountability. He is involved with numerous national and state professional organizations and has served as a consultant to the Ford, MacArthur and Spencer foundations. A 1965 graduate of Notre Dame, he earned a master's degree from New York University and a doctorate in education from Harvard University. He chairs Notre Dame's Hispanic alumni group and serves as a mentor to the University's Latino students.

Stephen L. Carter, William Nelson Cromwell Professor of Law, Yale University, doctor of laws. Carter is the author of *The Culture of Disbelief: How American Law and Politics Trivialize Religious Devotion*, the widely acclaimed and award-winning book that examines societal stereotypes of religious belief. He is a leading scholar in constitutional law, law and religion, intellectual property and the legal control of science and technology. A Yale Law School graduate, he was appointed to the school's faculty in 1982 and four years later became the first African-American to earn tenure. His other books include *Reflections of an Affirmative Action Baby, The Confirmation Mess* and the recently published *Integrity*. Claire Gaudiani, president, Connecticut College, doctor of laws. At a time when many colleges and universities are downsizing, Gaudiani has improved the educational quality of her alma mater while reducing costs and doubling the endowment. A 1966 Connecticut graduate, she holds master's and doctoral degrees in French literature from Indiana University. Before accepting her current post in 1988, she held faculty positions at the University of Pennsylvania and Emory and Purdue Universities. She chairs Campus Compact, a coalition of some 500 college and university presidents that has played a major role in encouraging the new wave of student community service.

Richard Goldstone, prosecutor, U.N. International Criminal Tribunal for the former Yugoslavia and Rwanda, doctor of laws. A South African jurist, Goldstone has directed the prosecutors office of the war crimes tribunal since July 1994. He was a member of the Johannesburg bar from 1963 to 1980, when he was appointed a judge of the Transvaal Supreme Court. In 1989 he was appointed chair and sole member of a judicial investigation into police brutality under the previous, white-run government. A judge of the Appellate Division of the Supreme Court of South Africa, he also has chaired a standing committee investigating political violence and human rights abuses by members of political parties and South African security forces. He will step down in July as prosecutor of the war crimes tribunal.

Jon Hassler, novelist and writer-in-residence, St. John's University, Minnesota, doctor of laws. Described as a "Catholic realist," Hassler's writing has been often compared to that of Flannery O'Connor. He taught English at high schools and colleges in Minnesota before becoming a full-time writer at age 37. His first book, *Staggerford*, was published seven years later and has been followed by seven more, including the recently released *Rookery Blues*. Set in small Minnesota towns similar to those in which he has lived, his novels examine all the world's flaws and frailties while still remaining life-affirming. He holds degrees from St. John's and the University of North Dakota.

John Kaneb, chairman, Gulf Oil, doctor of laws. A member of the Notre Dame Board of Trustees since 1980, Kaneb chairs Gulf Oil and H.P. Hood Inc., is president of the Catamount Companies, and is chairman or president of other family-controlled businesses and investment entities. In each of the University's most recent capital campaigns he created \$1 million scholarship endowments, one for students who encounter severe financial problems during the course of their educations and the second for Hispanic students. Most recently, Kaneb provided the funding to establish Notre Dame's new center for teaching excellence. A graduate of Harvard University, he chairs the Harvard Medical School's capital campaign, serves as a trustee of two Boston-area hospitals, and is active in several Catholic charitable organizations.

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Cardinal Edward Pironio, president, Pontifical Council for the Laity, doctor of laws. A native of Argentina, Pironio has directed the Vatican council that promotes and coordinates the mission of lay men and women since 1984. He was ordained a priest in 1943 and served in a variety of diocesan positions over the next 20 years. He was ordained a bishop in 1964 and appointed as an advisor to the Second Vatican Council. Chosen secretary-general of the Latin American Bishops Conference in 1968, he became president of the organization in 1972. During Argentina's "dirty war" (1976-83), Pironio denounced the injustice in his homeland with such passion that he was forced to flee from right-wing death squads. Pironio was made a cardinal of the church in 1976 and served as prefect of the Congregation for Religious and Secular Institutes prior to his current appointment.

C.N.R. Rao, president, Indian Institute of Science, doctor of science. An internationally renowned and respected scientist, Rao has made multiple contributions to the fields of physical and solid state chemistry. He earned a master's degree from Banaras Hindu University at age 19 and a doctorate five years later from Purdue University. He taught and conducted research at the Indian Institute of Science (IISc) in Bangalore from 1959 to 1963, served as dean of research and professor of chemistry at the Indian Institute of Technology from 1963 to 1976, then returned to IISc to establish the solid state and structural chemistry unit. He was appointed director of IISc in 1984 and most recently has taken on additional responsibilities as founding president of the Jawaharlal Nehru Centre for Advanced Scientific Research on the IISc campus. He is the recipient of numerous awards and prizes and has authored or edited more than 30 books and written more than 700 research papers.

Katherine Schipper, Williams Professor of Accounting, University of Chicago Graduate School of Business, doctor of laws. A specialist in corporate governance and securities litigation, Schipper has published extensively on corporate restructurings and the effects tax and other regulatory changes have on shareholder wealth. She is a KPMG Peat Marwick Faculty Research Scholar at Chicago and director of the university's Institute of Professional Accounting. A graduate of Dayton University, she earned her master's of business administration and doctoral degrees from Chicago. She was on the faculty at Carnegie-Mellon University for seven years before returning to Chicago in 1983. She currently serves as president of the American Accounting Association.

Sir John Templeton, investment counselor and financial analyst, doctor of laws. A graduate of Yale University and a Rhodes Scholar at Oxford, Templeton has been one of the world's most respected and successful money managers for more than 55 years. He was a pioneer in the global investment concept, and his legendary Templeton Growth Fund appreciated more than a hundredfold by the time he sold it in 1992. In 1972 he created the Templeton Foundation Program for Progress in Religion, which annually awards the world's largest cash prize more than \$1 million this year — to Campus Crusade for Christ founder and president William Bright. The foundation also promotes understanding between the sciences and religion and honors colleges and universities, including Notre Dame, that provide values-based education. He was knighted by Queen Elizabeth in 1987.

Tuition Announced for 1996-97

Undergraduate tuition and fees at Notre Dame will increase 5.5 percent for the 1996–97 academic year, the lowest percentage increase in more than three decades.

The increase of \$980 will bring tuition and fees to \$18,810. Room and board charges will rise \$110 to an average of \$4,760, for a combined cost of \$23,570.

The 5.5 percent increase in tuition and fees is the lowest for Notre Dame since 1960 and marks the seventh consecutive year in which the rate of tuition increase has declined.

Last year's figure of \$22,340 was below both the average for our peers (\$24,172), as well as the median (\$25,541) for them. Notre Dame ranked 80th among 113 private universities in student charges.

Graduate School tuition in 1996–97 will be \$18,690, and tuition in both the Law School and Master of Business Administration program will be \$19,400.





James R. Langford, adjunct assistant professor in the arts and letters core course and director of University Press, was appointed to the editorial board of the *New Hibernia Review* published by the Center for Irish Studies at the University of St. Thomas in St. Paul, Minn.

Walter Nugent, Tackes professor of history, has been elected to the executive board of the Immigration History Society and to the program committee of the Society of Historians of the Gilded Age and Progressive Era.

Raimo Väyrynen, professor of government and international studies and Regan director of the Kroc Institute, has been appointed codirector of a two-year international research program on "The Political Economy of Humanitarian Emergencies" by the World Institute for Development Economics Research, a branch of the United Nations University.

Activities

Peri E. Arnold, professor of government and international studies, presented an invited paper titled "The Development of Administration at the Summit in the United States" to a meeting of the working group on the History of Administration of the International Institute of Administrative Science in Helsinki, Finland, March 24–25.

Stephen M. Batill, director of the Hessert Center and professor of aerospace and mechanical engineering, presented a lecture titled "Introducing the Product Realization Process in the Undergraduate Curriculum" to the Department of Vehicle Engineering at the Royal Institute of Technology in Stockholm, Sweden, March 7. He presented two lectures titled "Coordination of Design Specialists in Multidisciplinary Design Optimization" and "Systems Level Uncertainty Analysis for Wind Tunnel Testing" at the FFA, Aeronautical Institute of Sweden, in Stockholm, Sweden, March 8.

Gary H. Bernstein, associate professor of electrical engineering, organized and chaired a tutorial session titled "Practical Aspects of Nanofabrication" at the March meeting of the American Physical Society in St. Louis, Mo., March 16. In this session he presented lectures on electron beam and X-ray lithographies. **Bruce A. Bunker**, professor of physics, presented the physics seminars "Synchrotron Radiation, the APS, MRCAT, and All That" and "Reflection-mode X-ray Studies of Interfaces" at the University of Florida in Gainesville, Fla., Feb. 21. He presented the physical chemistry seminar titled "XAFS Studies of Buried Interfaces" to the Department of Chemistry at the University of Notre Dame, Notre Dame, Ind., Feb. 29. He presented "XAFS Investigations of Thermal Structural Disorder at GaSb/AlSb Superlattice Interfaces" at the March meeting of the American Physical Society in St. Louis, Mo., March 22.

Robert R. Coleman, assistant professor of art, art history and design, read the paper "Chicago's 'The Flagellation of St. Catherine' by Bernardino Lanino" at the Midwest Art History Society annual meeting held at the Cleveland Museum of Art in Cleveland, Ohio, March 29.

Lawrence S. Cunningham, chairman and professor of theology, gave a presentation at the Hesburgh lecture series to the Notre Dame Alumni Board in Notre Dame, Ind., Jan. 26. He gave four lectures on spirituality to the CCFM Sabbatical Program at Holy Cross College in South Bend, Ind., Feb. 5. He lectured on "The Relevance of Thomas Merton" at the organizational meeting of the Thomas Merton Society at Sacred Heart Parish, Notre Dame, Ind., Feb. 21. He gave four conferences on "Monasticism and Ecclesiology" to the Trappist Community of New Melleray Abbey in Peosta, Iowa, and to the Trappistine Nuns of Our Lady of the Mississippi in Dubuque, Iowa, March 8–11.

Sr. Elaine DesRosiers, O.P., professional specialist and director of Educational Media, Office of Information Technologies, gave a presentation on "Technologies in Higher Education" to the faculty of St. Francis College in Ft. Wayne, Ind., March 1.

Richard E. Donnelly, associate professional specialist in communication and theatre, presented two papers "Computer Aided Design — Traditional Media Software: The Best of Both Worlds" and "Utilizing Computer Techniques in Makeup Design" and presented the workshop "Computer Aided Design and Rendering Software Roundtable" at the United States Institute for Theatre Technology national conference in Ft. Worth, Tex., March 13–16. He was an advisory panelist for the "Arts Projects and Series" program of the Indiana Arts Commission in Indianapolis, Ind., March 28.



FACULTY NOTES

Dennis P. Doordan, associate professor of architecture, moderated the symposium "The Politics of Design" at the Wolfsonian in Miami Beach, Fla., March 9. The symposium was organized in connection with the Wolfsonian Exhibition "The Arts of Reform and Persuasion 1885– 1945" currently on view in Miami Beach. He gave a public lecture "Political Things: Design in Fascist Italy" in a lecture series sponsored by the Wolfsonian, March 10. He gave a public lecture "Continuities and Changes: The Metal and Glass Curtain Wall in American Architecture After WWII" at the Division of Architecture at Andrews University in Berrien Springs, Mich., Feb. 22.

Julia Douthwaite, associate professor of Romance languages and literatures, presented the invited lecture "Nell and Her Ancestors: The Wild Girl in Literature and Film" at Wheaton College in Norton, Mass., March 26.

Teresa Ghilarducci, associate professor of economics, testified before a Department of Labor agency on their proposed regulations on 401(k), Feb. 22. She argued that companies should deposit workers' contributions sooner than the 90-day maximum. She testified before the U.S. Senate Democratic Policy Committee on U.S. retirement income insecurity, Feb. 23. She addressed an international seminar on retirement investments and to the National Pension Education Committee sponsored by the Spanish trade unions and the Spanish telephone company in Madrid, Spain, March 7–8.

James A. Glazier, assistant professor of physics, presented the paper "How Cells Know Where to Go" at the invited seminar Frontiers of Physics at the American Physical Society March meeting in St. Louis, Mo., March 20.

Denis Goulet, O'Neill professor of economics, presented a paper on "Development Indicators: A Tool for Empowerment" and delivered an address titled "Development Ethics: A New Discipline" to the international symposium on Making Development Work Without Forgetting the Poor: Rethinking our Common Future sponsored by the University of Michigan Law School and the Michigan Law and Development Society in Ann Arbor, Mich., March 15–16.

Robert Haywood, assistant professor of art, art history and design, presented a paper "ContraScenes: Contemporary Art at the Spoleto Festival" for the session "Making Scenes: Delimiting the Object" at the College Art Association annual meeting in Boston, Mass., Feb. 24.

Bei Hu, associate professor of mathematics, gave a talk titled "Head-Media Interaction in Magnetic Recording" at the special session on Nonlinear PDE of the AMS meeting at the University of Iowa in Iowa City, Iowa, March 22–23. Jeffrey C. Kantor, chairperson and professor of chemical engineering, presented a seminar titled "Mutual Exclusion Constraints and Hybrid Models" to the Department of Chemical Engineering at the University of Cincinatti in Cincinatti, Ohio, Feb. 1. He presented the seminar titled "Linear Hybrid Models for Process Control" to the Department of Chemical Engineering at the University of Connecticut in Storrs, Conn., April 1.

Ahsan Kareem, professor of civil engineering and geological sciences, presented a paper at the meeting titled "The Environment: Some Peripheral Issues" at the advisory board meeting of the Aerospace/Energy Research and Education Program funded by NASA and DOE at Southern University in Baton Rouge, La., Oct. 5-6. He presented preliminary results concerning the Wind Loads on Nanjing Tower at the meeting of the U.S. China Cooperative Program on Structural Control in Nanjing, People's Republic of China, Oct. 12-18. He served as the chairman of an NSF workshop titled Wind Engineering: Planning for the Future held at NSF Building in Arlington, Va., Nov. 6. Kareem organized and chaired a workshop on Mitigating Wind-Related Perils Through Retrofitting and Engineering at the 1995 national mitigation conference Partnerships for Building Safer Communities sponsored by the Federal Emergency Management Agency in support of the United Nations International Decade for Natural Disaster Reduction held in Washington, D.C., Dec. 6-8.

Gyula Klima, associate professor of philosophy, presented an invited talk titled "Boethius and Aquinas on the Metaphysics of Being and Goodness" in the Philosophy Colloquium Series jointly organized by the Department of Philosophy, the Aquinas Center of Theology and the Center for Language, Literature and Culture at Emory University in Atlanta, Ga., March 18.

John W. Lucey, associate professor of aerospace and mechanical engineering, discussed the activities of the Notre Dame Industrial Assessment Center at the meeting of the St. Joseph Valley Chapter of the American Institute of Plant Engineers in South Bend, Ind., March 21.

Rev. Edward A. Malloy, C.S.C, president and professor of theology, delivered the principal address at the inauguration of Robert Khayat as the 25th chancellor of the University of Mississippi in Oxford, Miss., April 11.

Lawrence C. Marsh, associate professor of economics, served as discussant at the session on "Theoretical Econometrics" and presented a new way of correcting for partial or incomplete data at the Midwest Economics Association conference held in Chicago, Ill., March 21–23. FACULTY NOTES

Rev. Richard P. McBrien, Crowley-O'Brien-Walter professor of theology, presented "The Once and Future Church" at the Ecumenical Conference in Litchfield, Conn., Feb. 24. He presented "Infallibility: What It Is; What It Is Not" at the Forum on Infallibility sponsored by the Committee on Notre Dame's Position on the Ordination of Women, Student Advocates for Inclusive Ministry and the Department of Theology at the University of Notre Dame, Notre Dame, Ind., Feb. 27. He gave the keynote address "The Future Church in Light of Its Past" at the Great Lakes Pastoral Ministry Gathering in Rosemont, Ill., March 8.

Rev. Don McNeill, C.S.C., director of the Center for Social Concerns and concurrent associate professor of theology, shared his presentation on the theme "Social Concerns at Notre Dame: Challenges and Initiatives in Chicago" with Annette Henderson, sophomore in the College of Arts and Letters who participated in a Summer Service Project in Chicago in 1995, at the Hesburgh Forum in Chicago, Ill., Feb. 28.

Rev. Thomas F. O'Meara, O.P., Warren professor of theology, delivered the address "Tarzan, Las Casas, Rahner: Thomas Aquinas' Theology of Salvation Outside of Christianity" as the annual Aquinas lecture sponsored by the Dominican School of Philosophy and Theology at the Graduate Theological Union in Berkeley, Calif., March 12.

Joseph M. Powers, associate professor of aerospace and mechanical engineering, presented a paper titled "Numerical Modeling of Unsteady Detonation in Granulated Energetic Material" at the SIAM sixth international conference on Numerical Combustion in New Orleans, La., March 4–6.

Karamjit S. Rai, professor of biological sciences, organized and chaired a symposium on "Genetics and Molecular Biology of Disease Vectors" at the Global Meet on Parasitic Diseases held in New Delhi, India, March 18–22. He delivered the opening lecture titled "Molecular Biology of Disease Vectors: Recent Progress and Future Prospects" at that symposium.

Elizabeth R. Schiltz, associate professor of law, gave a talk on "The Application of the Fair Debt Collection Practices Act to Affiliates and Service Companies of Credit Card Issuers" to the Credit Card Bank Compliance Association in Orlando, Fla., March 4.

Nancy K. Stanton, professor of mathematics, gave an invited address on "Real Hypersurfaces in \mathbb{C}^{n} " at the Gathering of Women Analysts in the Department of Mathematics at the University of California in Berkeley, Calif., March 8. She lectured on "Some Spectral Invariants in

Several Complex Variables" in the Analysis Seminar at the University of California in San Diego, Calif., March 12.

Arvind Varma, Schmitt professor of chemical engineering, presented an invited seminar titled "Combustion Synthesis of Advanced Materials" in the Department of Mechanical and Aerospace Engineering at Princeton University in Princeton, N.J., Feb. 27. He presented an invited seminar titled "Optimal Distribution of Catalyst in Pellets" at the Exxon Research and Engineering Company in Annandale, N.J., March 11.

Raimo Väyrynen, professor of government and international studies and Regan director of the Kroc Institute, served on the three-member jury making a recommendation for the 1996 Grawemeyer Award; a \$150,000 award annually presented by the University of Louisville for "the best idea promoting improved relations between nations" in Louisville, Ky., Feb. 16-17. He presented a paper on "The Implications of the Yugoslavian Crisis for the Concepts of Security" and discussed five papers on theories of international security in a conference on Gender and International Security sponsored by the Ford Foundation at the Old Dominion University in Norfolk, Va., Feb. 22-24. He participated in a research consultation organized by the Carter Center on the viability and effectiveness of economic sanctions in Atlanta, Ga., March 25-26. Vävrynen delivered a public lecture on "Strategies of Conflict Resolution in the 21st Century" in the Distinguished Speaker Series of the Center for Advanced Study of International Development at Michigan State University and participated in the center's symposium on "World Order, Global Justice, and the Perils of Anarchy: The International System in the 21st Century" in East Lansing, Mich., March 29-31.

Kathleen Maas Weigert, associate director of academic affairs and research at the Center for Social Concerns, concurrent associate professor of American studies and fellow in the Kroc Institute, served as a faculty resource person and participated on the panel "Connections and Tensions Between and Among Service Learning as a Pedagogy and as a Strategy for Community Development" at the Indiana Institute on Integrating Service with Academic Study at Indiana University in Bloomington, Ind., Feb. 22–24.

Hong-Ming Yin, assistant professor of mathematics, presented an invited talk titled "Campanato-John-Nirenberg-Morrey Estimate for Parabolic Equations and Applications" in the AMS special session Partial Differential Equation at the University of Iowa in Iowa City, Iowa, March 22–23.

Academic Council Minutes December 13, 1995

Members in Attendance: Edward A. Malloy, C.S.C., Timothy O'Meara, E. William Beauchamp, C.S.C., Timothy R. Scully, C.S.C., Patrica O'Hara, Nathan O. Hatch, Harold W. Attridge, John G. Keane, Eileen Kolman, David T. Link, Robert C. Miller, Richard P. McBrien, Jonas McDavit, David B. Burrell, C.S.C., Cornelius F. Delaney, Paula Higgins, Jean Porter, Philip L. Quinn, John H. Van Engen, Mario Borelli, Bruce A. Bunker, Andrew J. Sommese, Stephen M. Batill, Jeffrey H. Bergstrand, Dennis Doordan, Lorry Zeugner, Regina A. Coll, C.S.J., Kathleen Maas Weigert, Catherine Schehr

Observers in Attendance: Andrea Midgett, James J. O'Brien Jr., Harold L. Pace

Guests: James Taylor

Prof. O'Meara opened the meeting at 3:05 p.m. with a prayer.

Fr. Malloy informed the council that the Provost Search Committee had concluded its task by compiling a record of how the search proceeded; the record will be added to the committee's minutes for future search groups. The committee did not formally recommend any changes in its structure or in the search process. However, as it turned out, the committee's members represented the University's five different schools or colleges; counting the student member and the president, who both came from the largest college, the overall composition of the committee was close to that of the faculty and student body. Fr. Malloy said that, though the committee hesitated to dictate the composition of future search groups, they had found it advantageous to truly represent a cross section of the University.

1. Minutes approved. The minutes of the council meetings of September 12, 1995, and October 3, 1995, were approved without amendment.

2. Report of the Ad Hoc Subcommittee of the Executive Committee of the Academic Council on the Proposals for a University Committee on Women. Dean Attridge began the Ad Hoc Subcommittee report with a brief history of the subject. He said that in spring 1994 the Faculty Senate made several recommendations to the Academic Council concerning the need for a stronger voice for women within the University. The council referred the Faculty Senate's proposal to its own Faculty Affairs Committee. Concurrently, the Faculty/Student Committee on Women offered its own set of recommendations regarding the continuance of its committee. The two sets of recommendations, which conflict in many areas, lay on the table last year while the council concluded other business. In fall 1995 an ad hoc subcommittee of the council's Executive Committee was charged with exploring the proposals' areas of agreement and disagreement, and with making recommendations on how to resolve the differences.

Briefly, Dean Attridge said that both proposals agree that there should be a University Committee on Women, comprised of elected and appointed members, with strictly enforced terms of service. The committee should make known the results of its work through the publication of its minutes in *Notre Dame Report*. And student representation on the committee should increase from two to four members.

The proposals disagree on the composition of the committee. The Faculty Senate calls for the committee to include staff members, which the Faculty/Student Committee recommends against. (The Ad Hoc Subcommittee recommends against the inclusion of staff. Rather, a separate University Committee on Women Staff, comprised of 10 elected members, should be established. A liaison committee should also be created for the purpose of coordinating the treatment of issues common to both groups.)

The second area of disagreement involves the Faculty Senate's proposal that the chair of the University Committee on Women be elected by the committee. The Faculty/Student Committee would maintain the current practice of having the chair be an appointed member of the provost's office. (The Ad Hoc Subcommittee recommends that the chair be elected from the general membership of the committee.)

The final area of disagreement involves reporting relationships between the University Committee on Women and the administration. The Faculty Senate calls for a diffuse set of reporting relationships (i.e., to the president, to the officers of the University, and to the Academic Council). The Faculty/Student Committee recommends that the status quo be maintained and that they report through the president. (The Ad Hoc Subcommittee recommends reporting to the president. The subcommittee feels that other reporting relationships might work, as long as the lines of communication are clearly defined.)

Prof. Porter expressed support for a separate committee to address women's staff issues, and for a liaison committee to coordinate issues of common interest. She asked if any kind of staff committee currently exists. If not, are there plans to create such a committee? Dean Attridge answered no to both questions. He said that if the Academic Council favored the creation of such a committee, they would make a formal recommendation to do so. However, it would not be the council's responsibility to actually organize the committee.

Prof. Doordan asked for a discussion of the Minority Report, which concludes the Ad Hoc Subcommittee Report. Dr. Weigert, a member of the subcommittee, said that the name, University Committee on Women, is important in what it does and does not say. She said that the issues before the committee are not only women's issues and women's problems, but are issues of equity that should concern and involve the entire University. To use "gender equity" in the name would signify the responsibility of everyone to respond to the issues.

Prof. Quinn asked to whom the recommendation for the creation of a committee on women's staff was addressed. Dean Attridge answered that if the Academic Council adopted the recommendation, the Executive Committee would find the responsible officers, presumably in the Department of Human Resources, for the establishment of such a committee.

Sr. Coll asked if it is typical for someone other than a committee's chair to report to appropriate officers. Dean Attridge answered no.

Based on his experience and on the often difficult determination of reporting lines, Fr. Malloy suggested that the provost chair the University Committee on Women and be responsible for communicating its agenda and results. He said that if the council found his suggestion unacceptable, he would sub-delegate that the provost, not the president, be the direct liaison with the committee. He explained that the previous configuration of reporting lines was unclear and ineffective, as was the committee's relationship to himself and to the provost. He said that, for maximum clout and visibility, a committee addressing the needs of women faculty and students ought to be chaired by the provost, and/or report to the provost. He would prefer that the provost chair the committee, not to constrict it in any way, but to ensure the achievement of its goals.

If the Academic Council decided that the chair should be elected, Sr. Coll asked, would it not be the chair's responsibility to report to the provost or president, rather than have another appointed member do so? Dean Attridge replied that the current chair is a member of the provost's office, which ensures that there are no questions about where to go in that office for support. If the Ad Hoc Subcommittee's recommendation were adopted, it might be incumbent upon the University Committee on Women to name a regular liaison with the provost's office, such as an associate provost, who could serve as an ex-officio member of the committee. Dr. Weigert added that the subcommittee never doubted that the chair would report to the president. The other person mentioned, from the provost's office, would serve as a liaison to the provost's office.

Dean Link said that proposing to have both the Law School and the School of Architecture represented by a single seat on the committee was unfair to both entities; each should have its own representative on this important committee. He added that when the School of Architecture was formed, the Law School was told that they would not be replaced by architecture on any University committees. Dean Attridge replied that the subcommittee was concerned that the University Committee on Women remain relatively small. He said that he had no problems with increasing committee membership by one.

Fr. Malloy asked for a response to his suggestion to have the provost chair the committee. He repeated the reasons behind his recommendation, adding that he does not think it is a good idea to have such committees report directly to the president. Dean Attridge said that Fr. Malloy's proposal was a third alternative to the two set forth by the Faculty Senate and the Faculty/Student Committee on Women; the Ad Hoc Subcommittee's charge was to reconcile the two. He felt that Fr. Malloy's proposal might well satisfy the concern of both groups, that the committee have an effective chair. However, having the provost serve as chair might undermine the committee's freedom to develop its own agenda.

Prof. Quinn said that some trade-offs might be necessary in order to satisfy both groups. As a former member of the Faculty/Student Committee on Women, whose chair was an associate provost, he felt that the committee's agenda was greatly influenced by issues that were of particular salience to the provost's office; the committee, to some extent, lacked control of its agenda. Prof. Quinn felt that either alternative could be tried experimentally. If unsuccessful, the other could be tried in a few years.

Prof. Batill asked for clarification: Did Fr. Malloy propose to have the provost chair the committee? Fr. Malloy answered yes, and said that he would also have the provost serve as the contact between the committee and the rest of the University. Prof. Batill asked if Fr. Malloy's proposal would lose its effectiveness if the provost were a member of the committee but not the chair. Fr. Malloy said that he would oppose such an arrangement. Prof. O'Meara also expressed his opposition, saying that it would be difficult for the chairman to be effective in such a scenario. He explained that since the committee is academically oriented and falls under the jurisdiction of the provost, it would still have to report to the provost. He added that he would not want anyone other than the provost to chair the Provost's Advisory Council (PAC), and that he considers PAC to be an effective body because of its organization.

Prof. Porter asked if the clout of the committee is not a direct result of the seriousness with which the president regards it, no matter who the chair is. Fr. Malloy an-

swered that everything in the University is his formal responsibility, and that he has found it best to operate so complex a system by delegating that responsibility among the officers. This means that the provost is responsible for overseeing everything related to the academic life of the University. However, in the previous Faculty/Student Committee on Women, both he and the provost played a role that was ill-defined and undifferentiated. He repeated that to have the provost chair the committee and report its activities to the rest of the University would send a clear signal of procedure, and would give the committee University status.

Prof. Porter said that it seemed awkward for a committee addressing women's concerns to be chaired by the provost, who is, for the foreseeable future, male. Fr. Malloy remarked that the committee has not been, up to now, exclusively female, and that he would feel the same if the provost were female. He said that things work well when there are individuals, such as the provost, directly responsible for issues that affect the University as a whole. He also said that though someone could conceivably control the committee's agenda and manipulate its activity, he would assume that the committee and its chair would perform their duties in good faith, and that the elected and appointed members would honestly consider the issues. He repeated his conviction that it would facilitate the conversation and action of the committee if the provost were its chair. And he said again that if the Academic Council did not accept his proposal, he would subdelegate the provost to deal with the committee on an ongoing basis.

Fr. Burrell commented that if the committee wished to have wide-ranging discussions and unearth areas of concern, it might be best if the provost were not the chair, especially since any policy issues would already have to come before the Academic Council. Prof. Hatch asked if the committee's report came through the council. Fr. Malloy replied that any items requiring policy action would have to.

Prof. O'Hara remarked that continuity is a problem for committees, especially if the chair changes every three or four years. Having the provost serve as chair would solve that problem. It would also raise the level of importance of the committee if the provost chaired it, rather than another committee member or an associate provost. She found it unlikely that a committee formed largely of elected faculty would tolerate anyone exercising excessive control over its agenda.

Prof. O'Meara said that the committee could be modeled after PAC, which is an action, not a policy, committee. (Its policy comes to the Academic Council.) He also said that he plays a major role in setting PAC's agenda. However, any issues that arise within the committee that a reasonable number of members consider to be of importance are discussed. Specifically, women's issues were raised last year and were discussed and reported on in substantial, even unflattering form. Prof. O'Meara said that, as provost, he chairs PAC and is responsible for its effectiveness. He said that a number of issues surface in PAC, and that he does not manipulate or steamroll the discussion. He concluded by saying that he had not thought of having the provost chair the University Committee on Women until today, a decision that he and the president reached independently.

Dean Kolman, a former member of the previous Faculty/ Student Committee on Women, said that the committee's greatest frustration was its lack of effectiveness, in large part because it was not clear where the issues should go, and partly because of the committee's structure. She felt that having the provost serve as chair could help the committee become more effective. And she suggested that the committee be reviewed in three years, to see if its structure was allowing it to accomplish its goals.

Returning to the proposed composition of the committee, Prof. Doordan said that he assumed that the Law School and the School of Architecture were linked together for representation because they are both professional schools. On its own, architecture carries a weight that is disproportionate to its small size; lumped with any other school, architecture is easily outvoted. Prof. Doordan said that architecture's curious position as it relates to University committee representation should be decided on a case-by-case basis. In this particular instance, he did not object to the proposed composition of the University Committee on Women, nor would he object to any other suggestion that might come forward. Fr. Malloy replied that the matter would be dealt with as a separate issue.

Prof. Porter asked for Prof. Hatch's perspective on who should chair the committee. He answered that having the committee chaired by the provost was a new idea to him. He also said that the committee deals with very important issues and would be a good one for the provost to chair, though he could also envision other models for committee structure.

Prof. Porter asked if the provost chairs all University committees. Fr. Malloy answered no. Prof. O'Meara added that the provost chairs PAC and search committees, though not the Provost Search Committee or review committees for deans. Prof. Porter then asked if there exists a hierarchy of importance among the committees that the provost chairs and those that he does not chair. Fr. Malloy answered yes, at least at face value. Prof. Porter responded that since PAC is the only standing committee chaired by the provost, to say that committees chaired by the provost have more clout is based on little experience. DOCUMENTATION

Fr. Malloy responded that he also does not chair a large number of committees. And he explained that it is normal for a person with significant formal responsibilities to chair or be directly responsible for committees within his or her area. (Thus, Prof. Hatch chairs the Committee on Graduate Studies and Research, the deans chair their college councils, etc.) Prof. Porter replied that she still found it difficult to understand why it was of such importance to the president to have the provost chair the University Committee on Women. Fr. Malloy answered that such a structure would give the committee the clout and significance he feels it deserves. He said that the committee has moved beyond the experimental stage and should receive University recognition.

Dean Link said that to have the committee chaired by an officer would simply give it more clout. To have it chaired by the chief academic officer would probably be even better. He said that several committees are chaired by officers, which gives them weight within the University structure.

Fr. McBrien said that he generally feels that faculty committees should be chaired by faculty. However, in this case, he felt somewhat persuaded to deviate from the norm, if the chair were the provost. He asked Dean Attridge if there was time for the Ad Hoc Subcommittee to digest the president's proposal and the ensuing discussion, and return to the Academic Council with its recommendation, which could be something entirely new. Dean Attridge replied that the previous University Committee on Women remains in place and would be able to function through the end of the academic year. He said that the Ad Hoc Subcommittee could consider today's recommendation and report back to the Academic Council at its next meeting (January 1996). Fr. McBrien made a motion that the matter be so remanded, and that the Ad Hoc Subcommittee report back to the council at its next meeting. Fr. Scully interjected that the subcommittee would first have to bring its report to the council's Executive Committee. Fr. Malloy asked if Fr. McBrien also wished to remand to the Ad Hoc Subcommittee the question of representation from the Law School and the School of Architecture. Fr. McBrien answered yes.

Before the motion was voted on, Mr. McDavit asked that the length of the student representative terms on the committee be clarified. Fr. Beauchamp asked about the liaison between the committee and the proposed University Committee on Women's Staff. Could the liaison be mandated without the existence of a staff committee? Dean Attridge answered that he was unsure how the matter would be handled. It could be eliminated from the proposal or it could be set up as a coordinated set of proposals. Fr. Beauchamp expressed concern that the creation of a University Committee on Women's Staff is recommended at one place in the proposal and is assumed

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to already exist in the bylaws. Dean Attridge said that the proposal presupposed that the recommendation to create such a committee would be accepted.

Fr. Malloy then called for a vote on remanding the proposal to the Ad Hoc Subcommittee. It was approved unanimously.

3. Proposed Standard Class Times. Prof. Delaney reminded the Academic Council that last year the registrar presented a proposal to change standard class times. The council remanded the proposal to the Undergraduate Studies Committee, where the pros and cons of the proposed and the current standard class times were considered. (See Attachment A.) On the plus side, the committee felt that the proposed schedule would make better use of early Monday-Wednesday-Friday (MWF) teaching slots. The proposal calls for MWF classes to begin at 8:30 a.m. rather than at 8 a.m., which, it is hoped, will entice more faculty and more students to utilize the time period. The proposal would also add an extra class slot on the Tuesday-Thursday (TTh) schedule, and divide the lunch period more reasonably for students and dining hall workers on those days.

A drawback of the proposal is that the new schedule would cut across the 4:15 p.m. time slot more starkly than it currently does, a slot many departments use for discussions, seminars, meetings, etc. However, the committee felt that departments would eventually figure out other times for such activities. Another drawback would be that later afternoon classes would cut into practice time for student athletes, but, once again, the committee felt that athletics would find ways to respond to the changes.

After weighing both sides of the issue, the committee concluded that the registrar had thought through the issue carefully and that the proposal should be given a chance. Prof. Delaney said that the committee was therefore recommending that the council accept the proposal, with implementation set for fall 1996.

Mr. Miller asked why the rationale for moving MWF classes to 8 a.m. did not extend to the Tuesday-Thursday (TTh) and Monday-Wednesday (MW) schedule. Prof. Delaney answered that there are other pressures on MW classes. By beginning MW classes at 8 a.m., and MWF classes at 8:30 a.m., only one teaching slot would be used, rather than two, which would be the case if MW classes began at 8:30 a.m.

Fr. Malloy asked how the proposed class times would affect the lunch hour. Specifically, he wondered whether the schedule would allow enough flexibility for lunch discussions and meetings, such as those he often conducts with students and faculty. He also wondered if the

schedule would encourage more students not to eat lunch. Dr. Pace replied that the MWF lunch hour was abolished several years ago, when another class period was added. The proposal would essentially do the same thing for the TTh schedule. He said that he did not know how lunch meetings would be affected. He added that the University currently has a real problem with classes grouping at peak times during the day. The proposal attempts to spread out classes without mandating that every department teach only so many classes during primetime.

Fr. Malloy asked if Dr. Pace had any idea how many students attend classes through the lunch hour. Dr. Pace answered that the proposal came about because the dining halls expressed concern over the crowds of students they could not serve on TTh at 12:15 p.m. Food Services asked the registrar if classes could be scheduled in such a way that the majority of students did not converge on the dining halls at the same time.

Mr. McDavit agreed with Dr. Pace's assessment, and said that he avoids North Dining Hall during peak times on TTh. Instead, he picks up a "grab-and-go" (bag lunch) provided by the dining hall earlier in the day. He did not feel that the proposed schedule would interfere with students finding time for lunch. It would, in fact, make the TTh lunch period more workable. Fr. Beauchamp said that the dining halls daily provide thousands of grab-andgoes for students. Dean Attridge asked when the dining halls open for lunch. Mr. McDavit answered that lunch is available from 10:30 a.m. to 1:30 p.m.

Prof. Doordan asked if the proposal had been coordinated with Saint Mary's schedule, since many students take courses back and forth across Highway 31. Dr. Pace said that he had informed Saint Mary's registrar of the possible changes for Notre Dame. Prof. Doordan requested that Saint Mary's be kept informed of any changes in class times, and that every effort be made so students taking classes at both institutions do not feel undermined.

Prof. O'Hara asked if it were possible to project how many faculty and students would be involved if the University went to something like a two-slot lunch period on MWF. She said that her experience, like Fr. Malloy's, indicates that the lunch period is the only time when many University-wide committees with faculty, student and staff members can meet. Dr. Pace said that he did not know how many people would be impacted by such a change; it would depend on how departments schedule their courses.

Fr. Burrell said that it would be important to note unforeseen consequences brought about by a change in the standard schedule. For example, classes scheduled at 4:15 p.m. would cut into seminar and meeting times for faculty, interdisciplinary events, etc. In the current schedule, the last TTh time slot (4:15 p.m.) is the least used for classes, but is widely used for other activities. In the proposed schedule, the last TTh slot (5 p.m.) would certainly be the least used. Fr. Burrell feared that many more activities would be organized around the MW schedule. He said that while maximizing classroom space is of primary concern, the need for informal education via meetings, seminars, etc., also exists.

Dean Keane said that the Undergraduate Studies Committee had no major reservations about the proposed schedule, other than those expressed by Fr. Burrell. He added that he had discussed the proposal with several members of his administrative council and with several faculty, and that no one expressed serious concerns. Saint Mary's should be asked for a response, and Fr. Burrell's reservations should be kept in mind, but otherwise, Dean Keane said, the proposal is attractive in that it balances the load on facilities and utilizes them more efficiently. He said that while the changes would be significant, they have a lot of merit.

Dean Kolman said that the proposal is better than the current class schedule, which in many ways no longer works. She said that there are not enough usable time slots on MWF, especially since the 8 a.m. slot is not utilized by faculty or students. (The only people taking 8 a.m. classes are freshmen, who have no choice.) Everyone wants to teach their MWF classes from 9 a.m. to 1 p.m. Consequently, several classes next semester will go with a lower enrollment than they should because they will run back-to-back with gigantic classes that have only one section. She said that the situation is not good, and not just because of classroom management. The classrooms are managed for the students, but the students cannot get to classes because they are all piled on top of one another.

Fr. Beauchamp said that better utilization of classroom space depends on spreading classes over a number of periods. If that does not work, classroom space will have to be dictated to departments. He asked Dr. Pace which option faculty would prefer. He said that it is only assumed that faculty and department chairs would not want to be told how many classes have to be taught when. Dr. Pace answered that the Committee for Collegiate Procedures discussed and laid out a management plan for space and courses, but that the associate deans said that they did not feel that such a system would currently work. So the committee looked to other alternatives, such as the proposed schedule.

Prof. Borelli said that though he personally likes to teach at 8 a.m., he did feel that many more faculty would want to teach at 8:30 a.m. He doubted that the situation would improve very much by moving MWF classes back

half an hour. Dean Attridge said that he did not think that for most faculty it is a matter of sleeping late, but that familial commitments make it difficult to be on campus in time for 8 a.m. classes. He also reminded the council of the urgency of the discussion; the schedule needs to be in place in early 1996 so departments can plan ahead for the fall.

Mr. Davit said that he had asked several students informally for their reaction to the proposal, and that all had agreed that it was better than the current schedule. He said that students were especially supportive of the lunch changes on TTh, and of the later starting time for MWF classes.

Prof. Bunker asked if the proposed schedule would push departmental seminars earlier or later. He said that familial obligations would make it very difficult for some faculty to attend seminars if they begin much earlier in the morning or much later in the afternoon. Dean Attridge said that he had, at this point, only worked on the regular course schedule for the fall. He also said that the MWF 8 a.m. slot is totally unused, but could and would be used if the time were moved to 8:30 a.m. He said that there would always be conflicts with schedules, and that both faculty and students would have to continue to balance responsibilities. He felt that it would be a mistake to try to clear everyone's schedule to accommodate end-ofthe-day activities. However, he felt that there would be fewer conflicts at the end of the day than earlier in the day.

Fr. Burrell said that he did not intend to speak against the Undergraduate Studies Committee's recommendation to adopt the proposal, that it is a creative alternative to a campuswide problem. However, the proposal offers a solution for classes only. His point was that its impact on other intellectual activities should also be tracked.

Prof. Borelli moved that the proposal be accepted by the Academic Council. In a final moment of discussion, Dr. Pace said that Saint Mary's was unconcerned and did not follow suit when Notre Dame added four study days to its schedule. He said that he did not know how Saint Mary's would react to changes in Notre Dame's class times, but that he would be glad to work with them if they wished.

Fr. Malloy called for a vote on the proposal. It passed unanimously.

4. Statement of Principles for Intercollegiate Athletics. Fr. Beauchamp called the council's attention to a draft statement on University principles for intercollegiate athletics. He recalled that last spring he told the council that the Faculty Board on Athletics would return with such a statement, based on Fr. Malloy's 1987 Statement on Intercollegiate Athletics, and taking into consideration several recommendations made by the Faculty Senate. He also reminded the council that the University is in the midst of a major self-study of its athletics program, as required for National Collegiate Athletic Association (NCAA) certification in 1997. One item that must be included in the review is a mission statement on athletics. Fr. Beauchamp said that the document before the council was prepared and sent to the Steering Committee, other self-study committees, and the athletics faculty. Minor changes from those groups have been recommended and will be incorporated into the text before the final statement is returned to the council in 1996. Fr. Beauchamp said that he would welcome any additional input from council members.

The document begins with a preamble, then moves to a statement on and basic principles regarding the areas of academics, student life, coaching staffs and athletic administration. The basic principles in academics, for example, include the University's philosophy of firm institutional control of athletics, integrity and accountability; the requirement that all student athletes must be accepted by the Office of Admissions; the University's responsibility to provide student athletes academic counsel and support; the expectation that practice schedules and competitions will take into account the rhythm of the academic year, especially final exams; the expectation that student athletes will graduate in four years; and the responsibility of the Faculty Board on Athletics to oversee academically related matters.

The basic principles in the area of student life include the statement that student athletes are subject to the same rules, standards of conduct, and disciplinary procedures as the rest of the student body, and that the enforcement of those rules is entrusted to the Office of Residential Life; the expectation that student athletes will, under most circumstances, live in dormitories; the acknowledgment that the physical and mental health of student athletes is the responsibility of health and sports training personnel; the practice of random, unannounced drug testing of student athletes; and the provision of chaplains for athletes and coaches.

Basic principles in the area of coaching staff include the statement that the hiring of coaches is the responsibility of the executive vice president of the University, in consultation with the director of athletics, and, when appropriate, in consultation with the faculty board; the expectation that coaches will abide by the highest standards of personal conduct; the expectation that coaches will appreciate and express the importance attached to academic life at Notre Dame in the recruitment, education and participation of students in intercollegiate athletics; and the obligation of coaches to uphold the guidelines and rules of the NCAA.

Basic principles in the area of athletic administration include a description of the roles and responsibilities of the director of athletics and the executive vice president; the expectation that Notre Dame will maintain a high-quality, competitive athletic program consistent with its heritage; the expectation that the athletic program will generate sufficient funds to be self-supporting; the expectation that the administration will maintain full and direct control of all athletic financial operations; the expectation that the University will maintain a full athletic program consistent with its resources and the interests of the student body for both men and women, and that the University will continue to add programs for women; the expectation that the hiring of coaches will reflect, as far as possible, the racial, ethnic and gender diversity of the University: the expectation that the University will associate itself in conference affiliation with institutions of similar educational philosophy; and the expectation that non-varsity athletics will be provided sufficient support.

Dr. Weigert felt that the Faculty Board on Athletics should participate in monitoring student athletes' injuries. She said that the faculty board might one day have to decide against something, like artificial turf, because of too many injuries. Fr. Beauchamp replied that the role of the faculty board is primarily an academic one, and he questioned whether monitoring injuries would fit in with its other responsibilities. Dr. Weigert said that the faculty board should consider the whole health of the student athlete, including injuries. To not do so would be remiss. Prof. O'Hara said that the faculty board spent hours last year discussing how to word the parameters of its responsibilities, and that though it would appear simple enough to add monitoring injuries to the list, it is illustrative of a wide range of issues that were debated long and hard. In reality, it would be difficult to add monitoring injuries without reopening the entire statement. Dr. Weigert said that though she appreciated Prof. O'Hara's position, the academic well-being of student athletes involves their physical well-being, and that injured students cannot make progress toward their degrees.

Fr. McBrien asked who was drafting the document in hand. Fr. Beauchamp answered that it was the work of the Faculty Board on Athletics. After some discussion, Fr. McBrien and Fr. Beauchamp agreed that Academic Council members should submit to the faculty board their comments and suggestions regarding the statement by January 19, 1996. The faculty board would then make appropriate changes and get a final draft of the document into the hands of the council in time for the February meeting. There being no further business, the meeting was adjourned at 4:35 p.m.

Respectfully submitted,

Rev. Timothy R. Scully, C.S.C. Vice President and Associate Provost

University Committee on Libraries February 26, 1996

The meeting was called to order at 2:30 p.m. the office of the director of libraries by Chairman John Halloran. Also in attendance were Leo Despres, Thomas Fehlner, Paula Higgins, Robert Miller, Robert Scheidt, Steven Schmid, Marsha Stevenson and secretary Melodie Eiteljorge.

The minutes of the meeting of November 21, 1995, were approved as distributed.

Robert Miller reported that changes in the composition of the committee have been approved by the Board of Trustees. Elections will be held in the spring for the extended group, which will consist of 16 members, including student representatives. In addition, the committee will be charged with reviewing policies.

There was a small flood in the Hesburgh Library in January. Fortunately there was minimal damage. A meeting will be held to review procedures for such emergencies. In addition, there was a recent evacuation of the building due to a false fire alarm. Results indicated that employees were unprepared for evacuations. Library administration is working with the Fire Department to develop procedures.

The new rare book cataloger arrived in January, and a new instructional services librarian will begin work on July 1. Searches are under way for the director of libraries position and for a head of the new Serials Department.

A special issue of *Access* in February outlined the libraries' development plan. Miller has received positive feedback to that issue and would be happy to answer any questions about it. He also noted that the library homepage has been expanded and includes some useful information, particularly in the resources section, which has links to many resources.

Miller distributed a spreadsheet on the tentative budget. He noted that there will be no special funding for serials inflation. He believes the libraries can make some significant progress, although they cannot do all they would like to do. Funding will be targeted to correct significant difficulties with the infrastructure.

Miller reported that Maureen Gleason has been working on ways of handling the acquisitions budget, which is a problematic area. Costs for both Lexis/Nexis and Clarinet have increased. This is a possible topic for one of the committee's meetings this semester.

John Halloran asked if there is any way to track the use of electronic products. Miller replied that, unfortunately, that is problematic. Marsha Stevenson added that it would be useful to know more about usage in determining how many simultaneous user passwords to purchase.

Halloran asked about recent controversy with Lexis/ Nexis. Miller replied that Lexis/Nexis is a commercial service designed for law which later expanded to business. We pay the institutional rate, which is significantly lower than the commercial rate. This restricts usage to faculty and students for the express purpose of doing class related work.

Miller noted that there has been some interest expressed in making *Books in Print* available over the Network. He asked if committee members use the print version to any extent. Steven Schmid and Paula Higgins replied that they use it occasionally.

Miller reviewed the situation with the libraries' mainframe system, NOTIS, which is no longer state-of-the-art. He noted that the libraries will need to make a decision about changing systems and the time frame within the next three months. He will then review these decisions with the committee. A new system would cost between \$300,000 and \$600,000, not including the internal costs of retraining, relearning, etc.

Halloran asked how the new Blackwell North America (BNA) approval plan is working out. Miller replied that it seems to be working well. As the libraries look at trying to deal with the costs of electronic media and improvement in the delivery of resources from elsewhere, they will need to consider how much we use things such as approval plans. For example, should we be comprehensive only in some areas and rely on interlibrary loan for others? Or, should we be comprehensive in all areas? Halloran asked if this is something the committee would decide under its new charge. Miller replied that the committee would review policies and make recommendations. Leo Despres suggested that this might be something for individual academic departments to review. Miller agreed. Higgins stated that she was under the impression that this was why approval plans were provided. Miller agreed that this is true to some extent. However, approval plans are still fairly comprehensive. BNA has a very large thesaurus of subjects and sub-categories. It is very complex.

Miller noted that subject policies for individual departments are published on the library homepage. Halloran asked how these relate to BNA profiles. Miller replied that these policies represent the textual indication of what the profile would be. This will be discussed further at future meetings.

The next meeting was scheduled for April 8, 2:30 p.m., in the office of the director of libraries. There being no further business, the meeting adjourned at 3:25 p.m.

Respectfully submitted,

Melodie G. Eiteljorge Secretary



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COLLEGE OF ARTS AND LETTERS

Anthropology

Cunningham, M. Hilary

H. Cunningham and S. Scharper. 1996. Patenting the "primitive": Reflections on the human genome project. *Third World Resurgence* (65/66):2-5.

Press, Irwin

I. Press and E. L. Pollock. 1996. Patient satisfaction surveys can improve your bottom line. *QRC Advisor* 12 (5): 1, 5, 6-8.

Art, Art History and Design

Kinsey, Douglas

D. Kinsey. 1995. More angels at the gate. The Seventh Annual Dwight Merrimon Davidson Contemporary Print Exhibition. Elon College, N.C.: Elon College. Monotype.

Economics

Goulet, Denis

D. Goulet. 1996. Authentic development: Is it sustainable? In *Building sustainable societies*, ed. D. C. Pirages, 189-205. Armonk, N.Y.: M. E. Sharpe, Inc.

Wilber, Charles K.

- C. K. Wilber. 1996. Ethics and economics. In *Political* economy for the 21st century: Contemporary views on the trend of economics, ed. C. J. Whalen, 45-64. New York: M. E. Sharpe, Inc.
- C. K. Wilber. 1995. The jubilee 2000 campaign for international debt remission: A comment. *Bulletin Association of Christian Economists* (26):20-22.
- C. K. Wilber. 1995. Rethinking human welfare. *Report* from the Institute for Philosophy and Public Policy 15 (4): 38.

English

Peters, Erskine

E. Peters. 1996. Afrocentricity: Problems of logic, method and nomenclature. 21st Century Afro Review 2 (1): 1-44.

History

Nugent, Walter

W. Nugent. 1996. Review of From the other side: Women, gender and immigrant life in the U.S., 1820–1990, by D. Gabaccia. Indiana Magazine of History 92 (March): 79-80.

Sociology

Schiller, Kathryn

B. Schneider, K. S. Schiller and J. S. Coleman. 1996. Public school choice: Some evidence from the national education longitudinal study of 1988. *Educational Evaluation and Policy Analysis* 18 (1): 19-29.

Theology

Coll, Regina A., C.S.J.

R. Coll. 1996. *How to understand the church and ministry in the United States.* New York: Crossroad Publishing Co. 117 pp.

Cunningham, Lawrence S.

- L. S. Cunningham. 1996. Religion booknotes. Commonweal 123 (12 January): 27-29.
- L. S. Cunningham. 1996. Religion booknotes. Commonweal 123 (23 February): 26-29.
- L. S. Cunningham. 1996. Religion booknotes. Commonweal 123 (22 March): 27-29.
- L. S. Cunningham. 1996. Review of *The laity in the Middle Ages*, by A. Vauchez. *Cistercian Studies Quarterly* 31 (1): 119-120.
- L. S. Cunningham. 1996. Review of Obras completas de San Bernardo, Vol. 8. Cistercian Studies Quarterly 31 (1): 99-100.
- Egan, Keith J.

K. J. Egan. 1995. "Asceticism." "Carmelites." "Mysticism." "Spiritual direction." In *The Harper Collins Dictionary of Religion*, ed. J. Z. Smith, 79-80, 181, 186-189, 1022. San Francisco, Calif.: Harper San Francisco.

McBrien, Richard P.

R. P. McBrien. 1996. Responses to 101 questions on the church. Mahwah, N.J.: Paulist Press. 166 pp.

Scharper, Stephen B.

See under Anthropology; Cunningham, M. Hillary. 1996. *Third World Resurgence* (65/66):2-5.

Yoder, John H.

J. H. Yoder. 1996. The casuistry of violence. *Ellul Forum* (16):6-7.



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COLLEGE OF SCIENCE

Mathematics

Hu, Bei

A. Friedman and B. Hu. 1995. Stefan problem with kinetic condition arising in semiconductor processing. In *Proceedings of the International Conference: Free Boundary Problems: Theory and Application, Pitman Research Notes in Mathematics.* Ser 323:121-122.

Rosenthal, Joachim J.

J. Rosenthal. 1996. An observability criterion for dynamical systems governed by Riccati differential equations. *IEEE Transactions on Automatic Control* 41 (3): 434-436.

Sommese, Andrew J.

M. Beltrametti, M. Schneider and A. J. Sommese. 1996. Chern inequalities and spannedness of the adjoint bundle. In *Proceedings of the Hirzebruch 65th Conference at Bar-Ilan University*, Israel, ed. M. Teicher, *Mathematical Conference Proceedings #9*, 97-107. Providence, R.I.: American Mathematical Society.

A. Lanteri, H. Maeda and A. J. Sommese. 1996. Ample and spanned vector bundles of minimal curve genus. *Archiv der Mathematik* 66:141-149.

Physics

Cushing, James T.

J. T. Cushing. 1996. Review of Einstein, Bohr and the quantum dilemma, by A. Whitaker. The Times Higher Education Supplement 1219 (15 March): 25.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Mueller, Thomas J.

T. J. Mueller. 1996. Flow visualization by direct injection. Chapter 6 in *Fluid mechanics measurements*, 2d ed., ed. R. J. Goldstein, 367-450. Washington, D.C.: Taylor and Francis.

Thomas, James P.

J. P. Thomas and R. P. Wei. 1996. Standard-error estimates for rates of change from indirect measurements. *Technometrics* 38 (1): 59-68.

Chemical Engineering

Varma, Arvind

P. Papageorgiou, D. M. Price, A. Gavriilidis and A. Varma. 1996. Preparation of Pt/γ-Al₂O₃ pellets with internal step-distribution of catalyst: Experiments and theory. *Journal of Catalysis* 158:439-451.

Civil Engineering and Geological Sciences

Spencer, Billie F., Jr.

D. B. Tomasula, B. F. Spencer Jr. and M. K. Sain. 1996. Nonlinear control strategies for limiting dynamic response extremes. *Journal of Engineering Mechanics* 122 (3): 218-229.

Electrical Engineering

Michel, Anthony N.

D. Liu and A. N. Michel. 1996. Stability analysis of systems with partial state saturation nonlinearities. *IEEE Transactions on Circuits and Systems I: Fundamental Theory and Applications* 43 (3): 230-232.

Sain, Michael K.

See under Civil Engineering and Geological Sciences; Spencer, Billie F., Jr. 1996. *Journal of Engineering Mechanics* 122 (3): 218-229.

SCHOOL OF ARCHITECTURE

Doordan, Dennis P.

D. P. Doordan. 1995. *Design history: An anthology*. Cambridge, Mass.: MIT Press. 274 pp.

COLLEGE OF BUSINESS ADMINISTRATION

Accountancy

Simon, Daniel T.

D. T. Simon. 1995. Accounting firm histories in teaching auditing and financial accounting. *Accounting Historians Notebook* 18 (2): 6-8,31.

LAW SCHOOL

Shaffer, Thomas L.

- T. L. Shaffer. 1996. On lying for clients. Notre Dame Law Review 71 (2): 195-213.
- T. L. Shaffer. 1995. Human nature and moral responsibility in lawyer-client relationships. *American Journal of Jurisprudence* 40:1-25.

LOBUND LABORATORY

Pollard, Morris

M. Pollard. 1996. Thalidomide promotes metastasis of prostate adenocarcinoma cells (PA-III) in L-W rats. *Cancer Letters* 101:21-24.

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RADIATION LABORATORY

- Asmus, Klaus-Dieter
- See under P. V. Kamat. 1996. *Interface* (Spring):22-25. Bentley, John J., Jr.
- See under Tripathi, G. N. R. 1996. Journal of the American Chemical Society 118 (9): 2245-2256.
- Chipman, Daniel M.
- D. M. Chipman. 1996. The solvation reaction field for a hydrogen atom in a dielectric continuum. *Journal of Chemical Physics* 104 (9): 3276-3289.
- Fessenden, Richard W.

See under Tripathi, G. N. R. 1996. Journal of the American Chemical Society 118 (9): 2245-2256. Guldi. Dirk M.

D. M. Guldi, P. Neta and E. Vogel. 1996. Radiolytic reduction of tetrapropylporphycene and its iron, cobalt, nickel, copper, and tin complexes. *Journal of Physical Chemistry* 100 (10): 4097-4103.

Kamat, Prashant V.

- I. Bedja, S. Hotchandani and P. V. Kamat. 1996. Transient absorption spectroscopy of nanostructured semiconductor films at controlled potentials. An in situ spectroelectrochemical investigation of the photosensitization process. *Journal of Electroanalytical Chemistry* 401:237-241.
- P. V. Kamat and K-D. Asmus. 1996. What's all the excitement about? Breakthroughs in solar energy, photoconductors and photosensitizers are coming in the form of photoexcited fullerenes. *Interface* (Spring):22-25.

Tripathi, G. N. R.

- G. N. R. Tripathi and Y. Su. 1996. Spectroscopic and kinetic properties of the radical zwitterion and related intermediates in the one-electron oxidation of *p*-aminobenzoic acid. *Journal of the American Chemical Society* 118 (9): 2235-2244.
- G. N. R. Tripathi, Y. Su, J. Bentley, R. W. Fessenden and P-Y. Jiang. 1996. Time-resolved resonance Raman, electron spin resonance, and *ab initio* molecular orbital study of the structure and proton reactivity of 4-carbamylpyridnyl radicals. *Journal of the American Chemical Society* 118 (9): 2245-2256.



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