



Notre Dame

R E P O R T

Contents:

April 16, 1992

The University

- 369 *Moynihan to Receive Laetare Medal*
- 369 *G.E. Foundation Grant Supports Laboratories*
- 369 *Search Committee for Peace Studies Director Established*

Faculty Notes

- 370 *Faculty Appointments*
- 370 *Faculty Honors*
- 370 *Faculty Activities*

Documentation

- 373 *Faculty Senate Journal*
December 3, 1991
- 377 *University Committee on Libraries*
February 24, 1992
- 378 *University Libraries' Hours During Finals Week*
May 2-9, 1992

The Graduate School

- 379 *Current Publications and Other Scholarly Works*

15

1991-92

Moynihan to Receive Laetare Medal

Sen. Daniel Patrick Moynihan of New York has been awarded the 1992 Laetare Medal, the oldest and most prestigious honor given to American Catholics. Moynihan will receive the medal during the 147th Commencement exercises.

Born March 16, 1927, in Tulsa, Okla., Moynihan moved with his family to New York City when he was six months old. His father, a newspaperman, deserted the family soon afterward, and Moynihan grew up in an impoverished household with his mother, brother and sister in Hell's Kitchen and other New York slums. His mother worked as a nurse, and Moynihan and his brother sold newspapers and shined shoes, but the family also relied on public assistance.

Educated in public and parochial schools, Moynihan attended the City College of New York and Tufts University, from which he was graduated in 1948. He also holds a doctoral degree from Tufts' Fletcher School of Law and Diplomacy. Enlisting in the U.S. Naval Reserve in 1944, he was on active duty for three years. He remained in the reserve for 20 years, retiring in 1966.

Active in Democratic Party politics since 1953, when he worked on the successful campaign of Robert F. Wagner for mayor of New York City, Moynihan served on the staff of New York Governor Averell Harriman from 1955 to 1958. The only person in American history to serve in four successive presidential administrations, he was assistant secretary of labor in the Kennedy and the Johnson cabinets, chief domestic advisor to President Nixon and later his ambassador to India, and ambassador to the United Nations under President Ford. Elected to the Senate from New York in 1976, he is now in his third term.

According to the Almanac of American Politics, "Moynihan's ability to spot rising issues is almost eerie. In the early 1960s before Ralph Nader, he was writing about auto safety. . . . In 1969, to cite another, he was negotiating an agreement with the French and Turkish governments to end the drug traffic known as 'the French connection.' In 1990, just before George Bush called on the United Nations to oppose Iraq's invasion of Kuwait, he was writing of the need to observe principles and use institutions of international law."

Moynihan has been a member of the faculties of several colleges and universities, including Harvard, where he was professor of government. He is author of 15 books, the most recent of which is "On the Law of Nations," and is a member of the publications committee of *The Public Interest*. He has received 55 honorary degrees, including a doctor of laws degree from Notre Dame in 1969.

G.E. Foundation Grant Supports Laboratories

The University has received a \$100,000 grant from the G.E. Foundation of Fairfield, Conn., to support the upgrading of instrumentation in its undergraduate science laboratories.

The G.E. Foundation is a trust established by and funded by the General Electric Company. Its primary focus is educational support with a special interest in programs which support the emerging workforce.

The grant will be applied to a \$6.5 million renovation and instrumentation project for the chemistry and biochemistry laboratories and will affect the education of some 1,800 undergraduate students and 50 graduate students each semester. It will make possible the purchase of such instruments as gas chromatographs, gas chromatograph-mass spectrometers and high performance liquid chromatographs.

Search Committee for Peace Studies Director Established

Five Notre Dame faculty members will serve with Provost Timothy O'Meara on a search committee for a new director of the Joan B. Kroc Institute for International Peace Studies. O'Meara has announced the position to be filled is the Reagan directorship, so named for the Notre Dame trustee, John M. Reagan Jr., who endowed it.

The members of the search committee are: Barbara Fick, associate professor of law, V. Paul Kenney, professor of physics, Scott Mainwaring, associate professor of government, John Van Engen, professor of history and Conway director of the Medieval Institute, and Arvind Varma, Schmitt professor of chemical engineering. Fick, Kenney and Mainwaring all are faculty fellows in the Kroc Institute, and Varma was a member of its internal review committee. O'Meara will chair the committee.

The committee's work will include consideration of the characteristics to be sought in the new director, the compilation of a list of nominees, and, if necessary, recommendations for the post of acting director. In carrying out its work, the committee will seek advice from faculty in related institutes, departments and disciplines; and from all the faculty fellows of the Kroc Institute.

Faculty Notes

Appointments

The following faculty members were installed in endowed academic chairs:

- John Attanasio, the Reagan director of the Joan B. Kroc Institute for International Peace Studies.
- Harold Attridge, the George N. Shuster dean of the College of Arts and Letters.
- Steven C. Bass, the Schubmehl-Prein chair of the Department of Computer Science and Engineering, College of Engineering.
- John G. Borkowski, the Andrew J. McKenna Family professor of psychology.
- Walter R. Johnson, the Frank M. Freimann professor of physics.

Honors

Subhash C. Basu, professor of chemistry and biochemistry, was appointed for a four-year term as a member of the NIH Medical Biochemistry Study Section Grant Review Panel, Oct. 12.

Julia V. Douthwaite, assistant professor of romance languages and literatures, has won \$5,000 from Lilly Endowment Inc. to develop a new course in the Summer Stipend program. She will design a course titled "Dialogues Across the Channel: French and English Women Writers of the Early Modern Age."

Barbara J. Fick, associate professor of law, was named by the American Bar Association as contributing editor for labor law for the ABA publication *Preview of Supreme Court Cases*.

Alexander J. Hahn, professor of mathematics, has won \$5,000 from Lilly Endowment Inc. to develop a new course in the Summer Stipend program. He has plans to develop a new course in calculus.

Robert C. Johansen, senior fellow in the Kroc Institute for International Peace Studies, has been appointed visiting senior fellow at Harvard University, Center for the Study of World Religions, for the 1992-93 academic year.

Edward A. Kline, professor of English and O'Malley director of the Freshman Writing Program, was selected as a judge for the fifth consecutive year for the Midwest High School Athletic Association's annual essay contest.

Jean A. Pec, associate librarian, was appointed chair of the Policy and Research Committee, Serials Section, of the Association for Library Collections and Technical Services, a division of the American Library Association.

Activities

Craig E. Adcock, professor of art, art history and design, read the paper "Art and Ecology: A 'Point of Departure for Lucubrations'" at the Department of Art at Indiana State University in Terre Haute, Ind., March 18. He read the paper "Aesthetic Environments: Truth and Beauty in the Domains of Art and Ecology" at the Department of Art at the University of Nevada in Las Vegas, Nev., March 26.

Bruce C. Auerbach, associate professional specialist in communication and theatre, chaired the panel "Collaboration in Opera Design" at the United States Institute for Theatre Technology National Conference, Seattle, Wash., March 5.

Subhash C. Basu, professor of chemistry and biochemistry, presented an invited talk titled "Glycoprotein Nature of Tumor Cell DNA Polymerase- α and Dissociation of a Lectin-type Peptide from the Initiation Complex" at the Department of Biochemistry at the University of Delhi, South Campus, in Delhi, India, Dec. 19.

Gary H. Bernstein, assistant professor of electrical engineering, presented a talk titled "Undergraduate Microelectronics Education at the University of Notre Dame" at the regional meeting of the International Society of Hybrid Microelectronics in South Bend, Ind., March 12. He presented a talk titled "Fabrication of Interconnect Structures for Quantum Based Architectures" with Xiaokang Huang, Richard Frankovic and Greg Bazan at the spring meeting of the American Physical Society in Indianapolis, Ind., March 16-20. Bernstein was a co-author on talks titled "Anomalous Magnetoresistance Due to Possible Correlations Between Impurity Scattering Events in a Two-Dimensional Electron Gas," "Low Temperature Magnetotransport in Ultranarrow/Ultrashort Au Wires," Study of Leakage Currents in Backgated GaAs/AlGaAs Heterostructure Devices Fabricated Using Electron Beam Lithography," "Cellular Automata Rules Derived From Quantum Dot Coupling" and "A Study of Cellular Automata Architectures Integrated Quantum Device Arrays Using the Helmholtz Equations as a Computational Model."

Kathleen Biddick, associate professor of history, gave a paper titled "Ghostbusters: Post-Medieval Studies?" in the issues panel at a conference on "The Past and Future of Medieval Studies" held at the University of Notre Dame, Notre Dame, Ind., Feb. 20-22. She presented that same paper to the Medieval Group of the Cultural Studies Seminar at Rice University in Houston, Tex., March 20. The Medieval Institutes of Western Michigan University and the University of Chicago invited her to give a paper on "Peasants as Category" in Kalamazoo, Mich., Feb. 13, and in Chicago, Ill., March 10. She gave a paper titled "Cybernetic Life: Towards a Genealogy" in the Science-Technology Studies Seminar at Colby College in Waterville, Maine, March 6.

Faculty Notes

Paul F. Bradshaw, professor of theology, gave the Alcuin Club annual lecture "Early Liturgy Isn't What it Used to Be" in London, England, March 10. He attended a meeting of the Council of Societas Liturgica in Fribourg, Switzerland, March 13-15.

Theodore J. Cachey Jr., assistant professor of romance languages and literatures, presented an invited lecture titled "Reading and Rewriting New World Encounter" at the annual meeting of the Medieval Academy of America hosted by the Center for Medieval and Renaissance Studies at Ohio State University in Columbus, Ohio, March 19-21.

Daniel J. Costello Jr., chairman and professor of electrical engineering, co-authored a paper with Lance Perez, Ph.D. student in electrical engineering, titled "M-Algorithm Decoding of a Nonlinear 64-State 16QAM Trellis Code" which was presented at the 26th annual conference on Information Sciences Systems at Princeton University in Princeton, N.J., March 20.

Michael J. Crowe, professor in the Program of Liberal Studies, presented two papers "John Herschel: Britain's First Modern Physical Scientist" and "The John Herschel Correspondence Project" at the Royal Society of South Africa John Herschel Commemorative Symposium in Cape Town, South Africa, March 7.

Ronald Dorris, assistant professor of American studies, was the guest speaker at a black history program on the theme "Imani, Reach Up and Reach Out with Faith" at St. Charles Catholic High School in Laplace, La., Feb. 29.

William G. Dwyer, professor of mathematics, gave an invited lecture titled "Constructing Loop Spaces" in the Mathematics Department at the Massachusetts Institute of Technology in Cambridge, Mass., March 9.

Denis A. Goulet, O'Neill professor in education for justice, presented a paper titled "Development Indicators: A Research Problem, a Policy Problem" to the fourth annual international conference of the Society for the Advancement of Socio-Economics at the Graduate School of Management of the University of California in Irvine, Calif., March 27.

Charles R. Hohenstein, adjunct assistant professor in the arts and letters core course, taught a mini-course on "The Theology and Practice of Lay Ministry" for the Lay Academy of the South Bend District of the United Methodist Church held in Lakeville, Ind., March 7-14.

Douglas W. Kmiec, professor of law, testified before a subcommittee of the House Judiciary Committee regarding the constitutionality of the "Freedom of Choice Act" that would enact into Federal law abortion on demand. Kmiec was called as an expert witness to rebut the testimony of Prof. Laurence Tribe of the Harvard Law School.

Rev. Robert A. Krieg, C.S.C., associate professor of theology, gave the invited lecture "The Catholic Church in Nazi Germany" at Stonehill College in North Easton, Mass., March 26.

Catherine Mowry LaCugna, associate professor of theology, was the guest homilist at the following University of Notre Dame dormitories: Pasquerilla East, March 1, Pasquerilla West, April 5, and Knott Hall, April 12.

David C. Leege, professor of government and international studies and director of the Hesburgh Program in Public Service, delivered a lecture on "Religion and Politics in 1992" to the Campaign '92 colloquium for political journalists at the Knight Center for Professional Journalism at the University of Maryland in College Park, Md., Feb. 27. He served as the discussant for five papers at the conference on the Political Consequences of War at the Brookings Institution in Washington, D.C., Feb. 28.

George A. Lopez, associate professor of government and international studies and faculty fellow in the Kroc Institute for International Peace Studies, served as the external evaluator of the Manchester College Peace Studies program in North Manchester, Ind., March 5-6. He spoke at the annual forum of the International Studies program of Valparaiso University in Valparaiso, Ind., March 19.

John W. Lucey, associate professor of aerospace and mechanical engineering, presented "Summer Program for Engineering Students in London" at the Illinois Indiana Section/American Society for Engineering Education meeting at Notre Dame, Ind., March 13.

Alven M. Neiman, assistant dean in the arts and letters core course, delivered a paper titled "Rorty, Irony, Education" as part of a symposium on the philosophy of Richard Rorty at the annual meeting of the Philosophy of Education Society in Denver, Colo., March 26-30.

Rev. Edward O'Connor, C.S.C., associate professor of theology, preached at the Forty Hours services at St. Casimir's Parish in South Bend, Ind., Feb. 28-30. He spoke at a parish mission at Holy Cross Parish in Lynchburg, Va., March 8-10.

Morris Pollard, Coleman director of the Lobund Laboratory and professor emeritus of biological sciences, was a visiting professor of Urology and Pathology at the University of Iowa Medical Center in Iowa City, Iowa, March 18-21. He reviewed his work on prostrate cancer and metastasis for faculty, residents and medical students. He gave an invited talk at the special workshop on premalignant prostate tumors in Scottsdale, Ariz., March 26-28.

Wolfgang Porod, associate professor of electrical engineering, co-authored the presentations at the March meeting of the American Physical Society which was held in Indianapo-

Faculty Notes

lis, Ind., March 15-20. The presentations were: "A Study of Cellular Automata Architectures for Integrated Quantum Device Arrays Using the Helmholtz Equations as a Computational Model" co-authored with Henry K. Harbury and Gary H. Bernstein, assistant professor of electrical engineering; "Cellular Automata Rules Derived from Quantum Dot Coupling" co-authored with Paul D. Tougaw, Gary H. Bernstein and Craig S. Lent, associate professor of electrical engineering; "Lateral p-n Junctions Between Quasi Two Dimensional Electron and Hole Systems at Corrugated GaAs/AlGaAs Interfaces" co-authored with Henry K. Harbury and Stephen M. Goodnick; "Transmission Resonances and Zeros in Quantum Waveguide Structures" co-authored with Zhi-an Shao and Craig S. Lent; and "Electron-Electron Interaction in Multisubband Quantum Wires" co-authored with Lucio Rota, Stephen M. Goodnick, Fausto Rossi and Paolo Lugli.

Jean Porter, associate professor of theology, served as a consultant and spoke on a panel on proposals for reform of the national health care system at the seventh annual Medical Ethics Conference at the University of Notre Dame, Notre Dame, Ind., March 20-23.

Jonathan R. Sapirstein, associate professor of physics, presented the talk "Particle Physics Implications of High Accuracy Analysis of Parity Nonconservation in Cesium" at Harvard University in Cambridge, Mass., March 4, and at the Institute for Nuclear Theory in Seattle, Wash., March 18.

Mei-Chi Shaw, associate professor of mathematics was invited to present the talk "Local Solvability with Estimates for Tangential Cauchy-Riemann Operators" at an international conference on Complex Analysis at Princeton University in Princeton, N.J., March 16.

J. Eric Smithburn, professor of law, served as a team leader and faculty member at the Indiana Trial Advocacy Program sponsored by the National Institute for Trial Advocacy and the Indiana Continuing Legal Education forum at the Indiana University Indianapolis School of Law in Indianapolis, Ind., March 15-22.

Dennis M. Snow, associate professor of mathematics, gave a lecture on "Unipotent Actions on Affine Space" in the special session on the Geometry of Affine Space at the American Mathematical Society's meeting in Springfield, Mo., March 20-21.

Adolph L. Soens, associate professor of English, presented "Rapier and Dagger: Tools of the Renaissance Worker at the Noble Science of Defense" for Renaissance Week at Stanley Clark School in South Bend, Ind., Feb. 4. He presented "Clarity and Rewriting: Professional Techniques for Professionals' Writing" in South Bend, Ind., Feb. 4. He presented "Shane: Myth Simplified as Backlighting the American

Imagination" at Let's Talk About It, ICH, at the Wakarusa-Nappanee Public Library in Wakarusa, Ind., Feb. 17. Soens presented "Yellow Ribbons, Yellow Legs and Yellow Jacks: If You Want to Have a Good Time, Jine the Calvary" at the Popular Culture Association Convention in Louisville, Ky., March 19.

James C. VanderKam, professor of theology, presented "The Epic of Gilgamesh" at the Forever Learning Institute in South Bend, Ind., Feb. 19. He presented "The Dead Sea Scrolls" at Sunnyside Presbyterian Church in South Bend, Ind., March 8, 15.

Rev. Joseph L. Walter, C.S.C., chairman of preprofessional studies and associate professor of chemistry, presided over the national convention of Alpha Epsilon Delta, the honorary premedical society, at the convention held in St. Louis, Mo., March 19-21. He has been the national president of the student society with 9000 active members for the past 10 years.

Dariusz M. Wilczynski, assistant professor of mathematics, presented the invited paper "Locally Flat Surfaces in the Complex Projective Plane" in the 872nd meeting of the American Mathematical Society in Tuscaloosa, Ala., March 14.

Faculty Senate Journal December 3, 1991

The chair Professor Paul Conway called the meeting to order at 7:35 p.m. in room 202 of the Center for Continuing Education, and asked Professor Mario Borelli to offer an opening prayer for guidance. Next he requested approval of the journal for the meeting of November 6, 1991; it was agreed that members would review the text and call the secretary with any changes or corrections within a week.

In his report, the chair told the senate that our resolutions on tenure notification and guidelines for the appointment of institute directors had been passed on to the provost for action in the Academic Council. He also had written to the president in regard to the Board of Trustees' recent action on reappointing the provost, and he read portions of this letter to the senate. Conway then reported on the most recent meeting of the Academic Council's executive committee, where it seemed to him little support for various senate proposals has existed in the past; perhaps a stronger faculty voice is needed on that committee. The full council will meet on December 4 and will consider several senate proposals, including the pending governance proposal. Senators should urge their council members to vote for that proposal. The vice chair Professor Frank Connolly distributed a list of Academic Council members for the use of senators in contacting them.

Professor Clark Power asked to speak in regard to the governance proposal specifically, and outlined its background. As far back as the spring of 1989, the senate had voted to direct its executive committee to explore faculty unionization after a series of incidents had convinced many that faculty rights of governance were being ignored by the administration. The executive committee explored several alternatives, and formed an ad-hoc committee to work on the problem; this was composed of both senators and non-senators, and conducted an extensive poll of faculty sentiment. By the spring of 1990, that committee had reported to the senate and the senate then brought its results to the administration, where all of our efforts to establish a joint faculty-administration committee to continue to work on the problem were rejected. As a last-ditch attempt to develop a modest restructuring proposal, the senate formed an independent committee on governance. This committee presented its findings last spring and they are currently before the council where failure to enact them would present the senate with a genuine crisis.

Conway announced that Professor John Affleck-Graves, a member of the senate, would be the new faculty representative on a subcommittee of the University's Budget Priorities Committee.

COMMITTEE REPORTS:

1. Academic Affairs — chair Professor David O'Connor reported that the library remains a subject of their review. The committee is contacting peer institution libraries to see what communications structures exist between their faculty and their library. Also in regard to the library the last two fundraising campaigns did not achieve their goals as far as library funding was concerned; perhaps we can see where improvements can be made here also and report our findings to Colloquy 2000 as well. On the so-called Burtchaeff affair, it is far too early for any organized faculty response; personally he saw a problem in the seeming separation of the Holy Cross order and the University's responsibility in this situation. The committee's final topic was Colloquy 2000, the successor to PACE with stunning differences: PACE, as a report of the provost to the president, made clear that academics were the heart of the University, while the Colloquy has a more diffuse structure which makes academics only one of four sides of the University. However, it is premature to consider action on this, but this crucial academic affair should be carefully watched.

Professor Paul Johnson thought that now was the only time to object to the structure of the Colloquy — it is now or never, and academics cannot be submerged in the process. Connolly, a member of the Colloquy, attended his first meeting and saw a contrast in tone between it and PACE, but was unsure what kind of response was appropriate; the Colloquy will reach out to many constituencies, although it is unclear now how this will happen. He agreed that there were relatively few faculty members involved. Conway, also a member, reported that his committee was trying to figure out how to reach every faculty member. Connolly said it was hard to see this early how it will all come together. To O'Connor, it was especially important to have an academic orientation to this process since there is an absence of any other structure to represent it. Professor Sophia Jordan asked if it would be appropriate for the senate to ask the Colloquy to respond to this question of the priority of academics in its deliberations at its first opportunity. Connolly said he would take it to the committee on mission, and he believed a subcommittee would be willing to visit the senate to hear its concerns, if the senate so desired. Jordan said that might help if people saw the Colloquy as an instrument of useful change. Professor James McCarthy wondered if admissions requirements for future students would be studied by the Colloquy. Connolly thought this was a legitimate area of concern and would bring up the question. Conway felt that for the Colloquy everything is up for discussion.

The senate then went into recess to hear a presentation by its guest for the evening, director of human resources Roger Mullins. Mullins had no prepared remarks, but did make several announcements. The University is adding Fidelity Investments to its retirement options with TIAA/CREF; open

Documentation

meetings are planned to inform faculty. Up to 75 percent of retirement accumulations can now be cashed out at retirement. On health insurance, premiums are up 12 percent for the individual and the University (the national average is 25 percent); we had a good year, but the longterm prospects are not good — next year the increase could be 40 percent. He felt the best option to stabilize the cost of health insurance in the future would be to select a network of providers (hospitals and physicians); within the network, insurance would pay a higher benefit than if you went outside (except for emergencies or for services not offered by the network). Borelli wanted to know how such a network would differ from an HMO. For Mullins, it was in the fact that we would do the negotiating ourselves, especially on rates; we could lower charges perhaps by 20 percent. He recalled that the senate had indicated in the past that choice was more important than cost, but he urged again that this new route be explored. Another announcement: Lincoln HMO is being sold, and the South Bend Clinic is no longer participating in it; those who had such coverage should contact Human Resources immediately. Professor Peter Moody wondered what would happen if an HMO went bankrupt. Mullins said it had happened already, and other providers took over their clients. He wanted to assure everyone that Partners was solid, but there is risk with an HMO. Professor Richard Sheehan asked if it wasn't true that HMO's negotiate rates. It is true, but for Mullins the big point for our own network was that we would do the negotiating and cut out the middleman (HMO).

Changing the topic, Connolly asked about care; he recalled that Memorial Hospital some time back had a reputation for various problems. How is the level of care factored into the decision on a "preferred provider?" Mullins was only in the early stages of formulating his thoughts in this issue. One way to go would be to appoint a task force to evaluate all options and issues; this has been used before. We can ask for health care standards as part of the contract, and a task force can help to recommended direction. Notre Dame this year spends \$10 million on health care.

Turning to Blue Cross/Blue Shield, Sheehan wanted to know if there was a systematic policy on their part to deny or delay payment for covered claims. This seems to have been done to several people. Further, is there a policy to deny claims from certain physicians? In response, Mullins distinguished between BC/BS and Accordia, its wholly-owned subsidiary for college and university health care; Accordia is reviewing claims more carefully. They are demanding exact and proper documentation, and they are asking more questions. Ultimately the claims will likely be paid. As to a specific physician, Mullins could not respond precisely; however, if the physician has a record of distorting claims, payment could be denied. Sheehan remembered that in the past Mullins had always seemed to prefer BC/BS over HMOs; now to hear that claims are being delayed and/or de-

nied is strange. Mullins said all carriers are asking more questions, but since HMOs have already negotiated rates, their review may not be as time-consuming. Borelli thought that the names of physicians who have records of distorting claims should be on record. Mullins could not respond to that. People who have problems on payment should bring such information to the attention of Human Resources.

Some of the payment confusion may stem from a couple of "problem areas": payment for infertility or MRI are problems. McCarthy reported a case still pending that a payment was denied because the hospital had submitted the paperwork too late. Although Mullins did not know of the particular case, he does know claims are not denied on such a basis, but they can be delayed. Johnson asked if we still had discounts at the local hospitals. BC/BS says their negotiated rates include about a 10 percent discount. In fact, if Notre Dame changed carriers, any new one (several major insurance companies) would not receive that discount from the hospitals. Conway pointed out that it is important to watch all bills and pay carefully. Mullins agreed, but mentioned that claims problems often result from inaccurate or insufficient data. Professor Paul Johnson asked about the dollar limits on surgical care. Mullins said of BC/BS that only mental health charges are capped, other than the "usual and customary" averages. This is the problem with MRIs in South Bend; prices are higher here than elsewhere in the state.

Sheehan moved the discussion to retirement plans, and asked for the costs of Fidelity. The answer, of course, will depend on the options chosen; the ones Notre Dame chose after evaluation are ones that minimize costs, and generally ours are lower than their usual ones. Afflect-Graves asked about CREF charges. Mullins thought that specific information would be available at the special sessions to be scheduled. It should be noted Fidelity will offer a fixed return option through Metropolitan Life, and that accumulations already in TIAA/CREF can be moved to Fidelity over a 10-year period.

Since there were no further questions, the senate thanked Mullins for coming to the meeting and returned to its business.

2. Administration — the chair Professor Anand Pillay announced that the committee would have a motion for action at the next senate meeting to urge appointments and promotions committees not to consider any non-academic issues in its deliberations; these committees should stick to issues covered in the Faculty Manual. O'Connor thought the manual was clear in restricting CAP committees to academic considerations only. Pillay agreed, but said that in two areas his committee wanted to make such stipulations more explicit.

Documentation

3. Student Affairs — co-chair Professor Sandra Harmatiuk reported on two recent meetings of the Campus Life Council, which has representation from faculty, students, rectors and administration, and is the only body whose resolutions the division of Student Affairs must respond to. Student leaders have voiced alarm over last summer's revisions of du Lac, especially in areas of great student concern (date rape and safety on campus), when no students had input. Generally the project of revision is time-consuming and summer is the best time to do it — when students are not around. The CLC is going to propose a change in the timeframe for revisions to allow for more organized student input. A second issue that CLC is wrestling with is the proposed student bill of rights.

Just prior to tonight's senate meeting, Rev. E. William Beauchamp, C.S.C., met with the committee in his capacity as chair of the Faculty Board in Control of Athletics to talk about its advisory powers and the proposed NCAA academic revisions; these will have no effect on Notre Dame, since our requirements are generally higher, but we support them including one that would de-emphasize summer session credits in favor of more courses being taken through the regular academic year. The committee also asked if the board's makeup really follows the spirit of the law rather than simply the letter. Fr. Beauchamp agreed with the concern expressed and will look into the situation, as well as looking into the general faculty perception of the board; perhaps in the past it was a rubber stamp, but the situation today is different and changing. Communication is a problem they are working to correct. He addressed the question of "perks" for board members; other universities send their faculty members to bowl games, and we should also to indicate the stature of the faculty; he did not see an ethical conflict in this benefit, but he would be in favor of checking into this with the senate to recommend some change to the president. He suggested that if any faculty member is concerned with a student athlete missing class because of practice or competition, the Office of Academic Advising should notify his or her office directly.

In the discussion which followed, various senators spoke. Conway, who is a member of the board, told the senate that the board is very concerned about class cuts and urged everyone to report any excessive absences; new regulations and procedures are in effect. Sheehan thought there was a problem not only with athletic teams but with other student activities like debating where excessive absences are being accumulated. O'Connor saw a structural flaw in the "perk" given to board members, and suggested other ways to choose faculty to attend bowl games: The winners of teaching awards should go, or perhaps choose by lottery. Borelli and Connolly agreed. Conway asked the committee to write to the president and seek better ways to choose people to attend bowl games. Harmatiuk agreed to do so. Professor Donald Sporleder wondered if the board members who attend bowl games have a specific charge given to

them or responsibilities assigned; if so, there may be value to their attendance. Conway responded that interaction with faculty members from the other school, and with bowl representatives is encouraged; these presumably are the people at Notre Dame who know about athletic matters. He admitted that there usually is not a great deal of this interaction or conversation.

4. Benefits — chair Sheehan reported on four matters. First, the compensation report will be done again, to try to penetrate the general secrecy of the place; Affleck-Graves will assist in its preparation and both welcome suggestions and assistance. Second, last year's report recommended that the minimum retirement benefit be raised to \$12,500; it has not been raised for some time, and it is in the process of being done; the University has, of course, raised health care costs for its retirees. Third, the committee will look into the relative number of faculty and administrators in each college and in the University to see if there is any balance. Fourth, as Mullins reported earlier, Fidelity is being added to retirement options, but there are some questions yet to be answered, and the committee will keep at them as well as urging continued upgrading of our retirement options. McCarthy complimented Sheehan on his steadfastness in urging that the minimum retirement benefit be raised. Conway commented that two of the senate's great contributions have been to keep at the administration to help retirees, and keeping the compensation report up to date.

OLD BUSINESS:

As old business, Connolly presented a draft of a letter to the chair of the Board of Trustees in regard to the process used in reappointing the provost. Copies would go to the incoming chair and we would ask that the chair share the letter with all board members. Professor Philip Quinn thought the draft was excessively legalistic, basing the case on the contractual relationship; it is more important to review administrators periodically to ensure that we are as excellent in an academic sense as we can be. This seemed to him more positive and constructive. Connolly took his suggestion as a friendly amendment and read the draft of an additional paragraph. Borelli moved that the senate adopt the wording proposed as amended and send the letter; Quinn seconded. Moody believed the second to the last paragraph was gratuitous and should be removed, but Borelli recommended leaving it in. O'Connor agreed with Moody. Connolly emphasized that our concern was with procedure, not person, and we should be sure that was clearly stated. Conway agreed with Connolly. Quinn thought our concern was independent of the person. The senate did not seem to agree with Moody, and Connolly felt the paragraph in question should stay. O'Connor called the question. There being no objection, the senate voted unanimously to send the letter as presented by Connolly. The letter amended is printed as Appendix A of this journal.

Documentation

There being no further old business or new business, the chair entertained a motion to adjourn. Borelli so moved, Lombardo seconded, and the senate adjourned at 9:35 p.m.

Respectfully submitted,

Peter J. Lombardo Jr.

Present: Affleck-Graves, Bartlett, Bentley, Borelli, Boyd, Cashore, Collins, Connolly, Conway, Goetz, Harmatiuk, Hayes, Johnson, P., Jordan, Litzinger, Lombardo, McCarthy, Moody, Nichols, O'Connor, Parnell, Pattison, Pillay, Power, Pratt, Quinn, Sauer, Serianni, Sheehan, Schorn

Absent: Antsaklis, Chang, Esch, Falkenberg, Johnson, C., Kenney, Leighton, Miller, Pratt, Sporleder, Tageson, Welle, Yoder, Smyth

Excused: Blenkinsopp, Day, Fallon, Garg, Jenkins, Powers, Scully, Vecchio, Tidmarsh

Appendix A

Draft of Senate Letter to Board of Trustees

On October 26 the Board of Trustees voted to reappoint Provost O'Meara for five additional years, beginning in June 1992.

The purpose of this letter is to express the Faculty Senate's disappointment concerning the matter in which this action occurred. We enclose a copy of the relevant part of the University's Academic Articles, because we believe it specifies a procedure quite different from that which the Board followed.

Article II, Section 1 of the Academic Articles requires that a committee of five, elected by the Academic Council, review the Provost's performance, and submit its findings to the President. The President transmits this, with his own recommendation to the Board of Trustees, after which the Board votes on reappointment.

The Academic Articles form the basis for the contractual relation between the University and its faculty. We believe they should therefore be taken most seriously by all of us. For this reason, we do not think it a sound practice for the Board's vote to be taken before a review and a finding are made.

It is certainly not our intention to attack the Board of Trustees. Its labors on behalf of Notre Dame are obvious to all. Rather, we tend to believe that the Board acted in ignorance of the relevant statutes, and that, given a chance to consider the matter, it will arrive at an opinion similar to the Senate's.

We therefore ask the Board to consider actions which seem to it wise, which will have the effect of mitigating the harm done by such a procedural irregularity.

Finally, we hope it is clear to the Board that this letter carries with it no criticism of Provost O'Meara. We are concerned with procedures; not persons.

A second reason of even greater importance must be mentioned. The Faculty and the Board share a common goal of placing Notre Dame among universities of the first rank. The Faculty is an indispensable resource in this effort. It therefore seems to us imperative that appointments bearing so closely on this task be made only after Faculty opinions have been solicited.

Documentation

University Committee on Libraries February 24, 1992

The meeting was called to order in the Office of the Acting Director of Libraries by the chairman, John Lucey. Also in attendance were Harvey Bender, Elizabeth Forbis, Leo Despres, Maureen Gleason, Mike Morris, Robert Scheidt, Lorenzo Zeugner and secretary Melodie Eiteljorge. Zeugner is substituting for Gleason in the library faculty position, and Gleason is substituting for Robert Miller in the ex-officio director's position.

The minutes of the meeting of January 20 were approved as written.

Maureen Gleason reported that the library budget has not yet been received. She has received preliminary paperwork but no actual figures. There are indications that the budget will be tight. The Collection Development Committee has been trying to prepare for the eventual reality of having "less than is needed to maintain current levels."

Serial title print-outs from two major dealers have been reviewed. These are arranged according to cost, with the most expensive items first. Faxon lists 155 titles costing \$1,000 or more, plus three package subscriptions amounting to \$25,000. In samples taken from the Faxon list, it was determined that there was a 17 percent increase over last year on items over \$1000. In a sampling of items costing \$250, the increase was 5.5 percent. Of items at \$80, the increase was 4.6 percent. Increases in the cost of titles over \$1000 from Harrassowitz did not seem to be so drastic.

Collection Development has discussed possible ways of handling serials cancellations. One approach is to rely on access more than purchases and to identify very expensive publications to cancel, offering a copy of the table of contents and promising expedient and free copies of articles which are requested. Despres asked about getting a read-out on use. Unfortunately, there is no good, quantitative measure of journal use. Implementing such a policy would also depend on the availability of a tear sheet service; a means of determining that journals canceled are still subscribed to by another Indiana university; and the ability to guarantee fast access to articles.

Harvey Bender asked if the library is looking at ways other than serials cancellations to cut back on costs. Gleason replied that all areas are looked at in budget planning and that cuts are made across the board. One problem is the difficulty in predicting costs.

The Association of Research Libraries (ARL) index has been received, and Notre Dame has gone from 73rd to 57th. This is due in part to the Chicago Bar Association collection purchased by the Notre Dame Law Library. There are several factors involved in compiling the index which make it difficult to assess in terms of accuracy. However, it will no longer be published after this year.

The results of the salary survey indicated: the Notre Dame faculty salary average is 94.3 percent of the average of all ARL libraries; 97.9 percent of the average for libraries of comparable size; and 94.7 percent of that of libraries in our region.

Bender asked about the possibility of more liaison contact between the members of the University Committee on Libraries and the library faculty. Gleason replied that she will address this at the next faculty meeting. She also invited committee members to attend this year's Planning Day, which is scheduled for March 13. The focus this year is automation.

There being no further business, the meeting adjourned at 5 p.m. The next meeting is scheduled for Monday, March 16, 4 p.m. Meetings were also set for April 20 and May 18.

Respectfully submitted,

Melodie Eiteljorge
Secretary

Documentation

University Libraries' Hours During Finals Week May 2-9, 1992

Hesburgh Library

	Building	Public Service
Saturday, May 2	9 a.m.-2 a.m.	9 a.m.-10 p.m.
Sunday, May 3	10 a.m.-2 a.m.	1 p.m.-midnight*
Monday, May 4 through Thursday, May 7	8 a.m.-2 a.m.	8 a.m.-midnight*
Friday, May 8	8 a.m.-midnight	8 a.m.-5 p.m.

*The Audio-Video Center and Reserve Book Room will close at 10:45 p.m.

Branch Libraries

	Architecture	Chem/Physics	Engineering	Life Science	Math
Saturday, May 2	9 a.m.-5 p.m.	9 a.m.-5 p.m.	9 a.m.-5 p.m.	9 a.m.-5 p.m.	9 a.m.-5 p.m.
Sunday, May 3	1 p.m.-10 p.m.	1 p.m.-10 p.m.	1 p.m.-10 p.m.	1 p.m.-10 p.m.	1 p.m. - 10 p.m.
Monday, May 4 through Thursday, May 7	8 a.m.-10 p.m.	8 a.m.-10 p.m.	8 a.m.-10 p.m.	8 a.m.-10 p.m.	8 a.m.-10 p.m.
Friday, May 8	8 a.m.-5 p.m.	8 a.m.-5 p.m.	8 a.m.-5 p.m.	8 a.m.-5 p.m.	8 a.m.-5 p.m.

SATURDAY, MAY 9, ALL LIBRARIES ADOPT INTERSESSION SCHEDULES

The Graduate School Research Division

Current Publications and Other Scholarly Works

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

COLLEGE OF ARTS AND LETTERS

Government and International Studies

Dallmayr, Fred R.

F.R. Dallmayr. 1992. Hermeneutics and the Rule of Law. Pages 3-22 in, G. Leyh, ed., *Legal Hermeneutics: History, Theory and Practice*. University of California Press, Berkeley, California.

F.R. Dallmayr. 1991. Laudatio for Nishitani. Pages 2-4 in, Keiji Nishitani's *Collected Works*, vol. 23: *The Lectures on Shobo Ganzo*. Kyoto University Press, Kyoto, Japan.

Francis, Michael J.

M.J. Francis. 1992. International Relations of South America. Pages 619-638 in, *Hispanic Division of the Library of Congress*, ed., *Handbook of Latin American Studies: Social Sciences*, Vol. 51. University of Texas Press, Austin, Texas.

Johansen, Robert C.

R.C. Johansen. 1991. Towards Democratic Global Security. *Peace Dossier* 29:2-11.

History

Hamlin, Christopher S.

C.S. Hamlin. 1992. Green Meanings: What Might "Sustainable Agriculture" Sustain? *Science as Culture* (13):507-537.

Nugent, Walter

W. Nugent. 1991. Frontiers and Empires in the Late Nineteenth Century. Pages 161-181 in, P.N. Limerick, C.A. Milner II and C.E. Rankin, eds., *Trails: Toward a New Western History*. University Press of Kansas, Lawrence, Kansas.

W. Nugent. 1991. Review of *It's Your Misfortune and None of My Own: A New History of the American West*, by Richard White. *Chicago Sunday Tribune Books* (Dec. 22):1,3.

Romance Languages and Literatures

DeFazio, Marina R.

M.R. DeFazio. 1992. Review of *Dante Today*, Amilcare Iannucci, ed., *Quaderni D'Italianistica*, X(1989), 1-2 (Special Spring and Fall Volume), xii + 417 pp. *Lectura Dantis: A Forum for Dante Research and Interpretation* 10(Spring):113-115.

Philosophy

McInerny, Ralph M.

R.M. McInerny. 1992. The Dangers of Research. *Fellowship of Catholic Scholars Newsletter* 15(2):1-2.

R.M. McInerny. 1992. Foreword. Pages ix-xii in, Saint Thomas Aquinas: *God's Greatest Gifts*. Sophia Press, Manchester, New Hampshire.

COLLEGE OF SCIENCE

Biological Sciences

Craig, George B., Jr.

J.F. Cully, Jr., P.B. Heard, D.M. Wesson and G.B. Craig, Jr. 1991. Antibodies to La Crosse Virus in Eastern Chipmunks in Indiana Near an *Aedes albopictus* Population. *Journal of the American Mosquito Control Association* 7(4):651-653.

M. Niebylski, J.P. Mutebi, G.B. Craig, Jr., J.A. Mulrennan and P.S. Hopkins. 1992. Eastern Equine Encephalitis Virus Associated with *Aedes albopictus* - Florida, 1991. *Morbidity and Mortality Weekly Report* 41(7):115, 121.

Duman, John G.

L. Xu, J.G. Duman, D.W. Wu and W.G. Goodman. 1992. A Role for Juvenile Hormone in the Induction of Anti-freeze Protein Production by the Fat Body in the Beetle *Tenebrio molitor*. *Comparative Biochemistry and Physiology* 101B:105-109.

Chemistry and Biochemistry

Fessenden, Richard W.

A.S. Jeevarajan and R.W. Fessenden. 1992. Unusual Chemically Induced Dynamic Polarization of Electrons Produced by Photoionization. *The Journal of Physical Chemistry* 96(4):1520-1523.

Nowak, Thomas L.

M.E. Lee and T.L. Nowak. 1992. ²⁵Mg NMR Studies of Yeast Enolase and Rabbit Muscle Pyruvate Kinase. *Archives of Biochemistry and Biophysics* 293(March 2):264-273.

Thomas, J. Kerry

X. Liu, K.-K. Iu and J.K. Thomas. 1992. Studies of Surface Properties of Clay Laponite Using Pyrene and a Photophysical Probe Molecule. 2. Photoinduced Electron Transfer. *Langmuir* 8:539-545.

S. Pankasem and J.K. Thomas. 1992. Photophysical and Photochemical Studies of *N, N, N', N'*-Tetramethylbenzidine and γ -Alumina. *Langmuir* 8:501-507.

The Graduate School Research Division

Mathematics

Alber, Mark S.

- M.S. Alber. 1992. Complex Geometric Asymptotics, Geometric Phases and Nonlinear Integrable Problems. Pages 415-427 in, E. van Groesen and E.M. de Jager, eds., Studies in Mathematical Physics. North-Holland, Elsevier Science Publishers B.V., Amsterdam, The Netherlands.

Physics

Darden, Sperry E.

- S. Sen, S.E. Darden, Z. Ayer and N.O. Gaiser. 1992. 90, 92, 94, 96Zr (\bar{d}, d) and (\bar{d}, d') Reactions at E=16.0 MeV and the Behavior of Elastic Vector Analyzing Power at 12.0 MeV. *Nuclear Physics A* 537:100-116.

Garg, Umesh

- D. Ye, K.B. Beard, U. Garg, R.V.F. Janssens, M.P. Carpenter, I. Ahmad, T.L. Khoo, E.F. Moore, F.L.H. Wolfs, Ph. Benet, Z.W. Grabowski, M.W. Drigert. 1992. Multiple Band Structures in ^{191}Hg . *Nuclear Physics A* 537:207-236.

Wayne, Mitchell R.

- M.R. Wayne et al. (DELPHI Collaboration) 1992. Searches for Heavy Neutrinos from Z Decays. *Physics Letters B* 274:230-238.
- M.R. Wayne et al. (DELPHI Collaboration) 1992. Study of Orientation of Three-Jet Events in Z^0 Hadronic Decays Using the DELPHI Detector. *Physics Letters B* 274:498-506.
- M.R. Wayne et al. (DELPHI Collaboration) 1992. Search for Excited Charged Leptons in Z^0 Decays. *Zeitschrift Physik C* 53:41-49.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Brach, Raymond M.

- R.M. Brach and P.F. Dunn. 1992. A Mathematical Model of the Impact and Adhesion of Microspheres. *Aerosol Science and Technology* 16(1):51-64.

Dunn, Patrick F.

- See under Brach, Raymond M. 1992. *Aerosol Science and Technology* 16(1):51-64.
- K.M. Asson and P.F. Dunn. 1992. Compact Dynamometer System That Can Accurately Determine Propeller Performance. *Journal of Aircraft* 29(1):8-9.

Chemical Engineering

Sen, Mihir

- See under Chang, Hsueh-Chia. *Journal of Fluid Mechanics* 238:119-154.

Chang, Hsueh-Chia

- S. Gosh, H.-C. Chang and M. Sen. 1992. Heat Transfer Enhancement Due to Slender Recirculation and Chaotic Transport between Counter-Rotating Eccentric Cylinders. *Journal of Fluid Mechanics* 238:119-154.

Varma, Arvind

- A. Gavrilidis and A. Varma. 1992. Optimal Catalyst Activity Profiles in Pellets - 9. Study of Ethylene Epoxidation. *American Institute of Chemical Engineers Journal* 38:291-296.

Civil Engineering and Geological Sciences

Gaillard, Jean-Francois

- J.-F. Gaillard and C. Rabouille. 1992. Using Monod Kinetics in Geochemical Models of Organic Carbon Mineralization in Deep-Sea Surficial Sediments. Pages 309-324 in, G.T. Rowe and V. Pariente, eds., Deep-Sea Food Chains and the Global Carbon Cycle. Kluwer Academic Press, The Netherlands.
- G.-A. Auffret, P. Geistdoerfer, J.-F. Gaillard, J.-L. Reyss, C. Rabouille, M. Voisset, A. Coutelle, C. Muller, R. Kerbrat, S. Monti, H. Ondreas and A. Mauviel. 1992. Preliminary Sedimentological and Biological Assessment of EUMELI Project Cruise. *Comptes Rendus de L'Academie Des Sciences* 2(314):187-194.

Electrical Engineering

Bandyopadhyay, Supriyo

- S. Subramaniam, S. Bandyopadhyay, B. Das and G.H. Bernstein. 1992. Anomalous Magnetoresistance Due to Correlations between Disorder and Boundary Scattering in a Two-Dimensional Electron-Gas Channel. *The American Physical Review (Physical Review B)* 45(7):3826-3829.

Bernstein, Gary H.

- See under Bandyopadhyay, Supriyo. 1992. *The American Physical Society (Physical Review B)* 45(7):3826-3829.

Das, Biswajit

- See under Bandyopadhyay, Supriyo. 1992. *The American Physical Society (Physical Review B)* 45(7):3826-3829.

Michel, Anthony N.

- D.L. Gray and A.N. Michel. 1992. A Training Algorithm for Binary Feedforward Neural Networks. *IEEE Transactions on Neural Networks* 3(2):176-194.

The Graduate School Research Division

School of Architecture

Alhasani, Nadia M.

N.M. Alhasani. 1991. Crafted Cyborgs: The Missing Link in Architectural Production. Pages 60-62 in, S. Pollalis, ed., *Architecture: Design Implementation*. ACSA Press, Washington D.C.

Crowe, Norman A.

N.A. Crowe. 1992. Foreword. *Between Principle and Form*, by J. Tice and P. Laseau. Van Nostrand Reinhold, Inc.

COLLEGE OF BUSINESS ADMINISTRATION

Accountancy

Ramanan, Ramachandran

R. Ramanan, M.J. Ryan and M.W. Trickey. 1991. Financial Planning for Newly Acquired Banks: Application of Linear Programming. *Applications of Management Science* 6:137-148.

O'NEILL CHAIR IN EDUCATION FOR JUSTICE

Goulet, Denis A.

D.A. Goulet. 1991. Culture and Development for the Future: Meeting of the Working Group on the Futures of Culture. *The Futures of Culture* 1:82-85.

INSTITUTE FOR PASTORAL AND SOCIAL MINISTRY

Tebbe, Francis S., O.F.M.

F.S. Tebbe, O.F.M. 1992. Review of Harper's Encyclopedia of Religious Education, by I.V. Cully and K.B. Cully. *New Theology Review* 5(1):104-105.

RADIATION LABORATORY

Chateauneuf, John E.

J.E. Chateauneuf. 1992. Pulse Radiolytic Generation and Photolysis of Diphenyldiazomethane Radical Anion (Ph_2CN_2^-). *Chemical Physics Letters* 188(5,6):439-442.

Kamat, Prashant V.

H. Uchida, C.J. Curtis, P.V. Kamat, K.M. Jones and A.J. Nozik. 1992. Optical Properties of GaAs Nanocrystals. *The Journal of Physical Chemistry* 96(3):1156-1160.

K. Vinodgopal and P.V. Kamat. 1992. Photochemistry on Surfaces. Photochemical Behavior of 1,3-Diphenylisobenzofuran over Alumina. *Journal of Photochemistry and Photobiology. A: Chemistry* 63:119-125.

Tripathi, G.N.R.

Y. Su and G.N.R. Tripathi. 1992. Time-Resolved Raman Observation of the Aqueous O_3^- . *Chemical Physics Letters* 188(5,6):388-394.

UNIVERSITY LIBRARIES

Havlik, Robert J.

R.J. Havlik. 1991. Aerospace Education and Technical Literature. *The International Journal of Applied Engineering Education* 7(4):328-330.

Notre Dame

R E P O R T

Volume 21, Number 15

April 16, 1992

Notre Dame Report (USPS 7070-8000) is an official publication published fortnightly during the school year, monthly in the summer, by the University of Notre Dame, Office of the Provost. Second-class postage paid at Notre Dame, Indiana.

Postmaster: Please send address corrections to: Records Clerk, Department of Human Resources, Brownson Hall, University of Notre Dame, Notre Dame, IN 46556.

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

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