



Notre Dame

R E P O R T

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1990-91

The University

IBM Gives Equipment to Engineering

The College of Engineering has received equipment valued at more than \$350,000 through the IBM Technical Gifts Program for the Solid State Laboratory and program, directed by Gary H. Bernstein, assistant professor of electrical engineering, and managed by Robert J. Minniti Jr., professional specialist.

The equipment is the most recent in a series of IBM solid state equipment gifts over two years with values totaling more than \$1.3 million. In addition, the company has given the laboratory and program an additional \$185,000 in grants.

The College of Engineering several years ago made the commitment to undertake research and add educational programs in solid state electronics, which will play an important role in future technologies, according to Anthony N. Michel, McCloskey dean of the college.

The recent gift consists of semiconductor device fabrication furnaces and testing equipment used in making silicon integrated circuits. Research in Notre Dame's Solid State Laboratory concerns ultra-small electronic devices and the study of quantum effects.

Teaching in the solid state program centers on silicon processing. The furnaces will be mostly used in teaching solid state electronics.

A new laboratory course in integrated circuits will be introduced in the spring semester to electrical engineering graduate students. Beginning next academic year the course will be offered to undergraduates.

Air Force ROTC Receives Right of Line Award

The Notre Dame Air Force ROTC detachment was recognized as the nation's top Air Force ROTC unit in a special ceremony at Maxwell Air Force Base in Alabama.

The "Right of Line" award was presented by Brig. Gen. Robin G. Tornow, the commandant of Air Force ROTC, and caps a banner year for the Notre Dame detachment. Previously they had been awarded the Air Force Organizational Excellence Award, citing the unit's outstanding recruiting and training programs.

The Right of Line award is the third received by the Notre Dame unit in the past eight years, an accomplishment unmatched at any other university. It reflects the outstanding training given the cadets as well as the superb motivation and academic aptitude of the students enrolled in the program. At present there are more than 175 cadets enrolled in Air Force ROTC. Of these, 151 are on scholarship.

Faculty Notes

Honors

Panagiotis J. Antsaklis, professor of electrical engineering, was elected fellow of the Institute of Electrical and Electronics Engineers by its board of directors with the citation "For contributions to the theory of feedback stabilization and control of linear multivariable systems," effective January 1. The grade of fellow recognizes unusual distinction in the profession and is conferred only by invitation of the board of directors upon a person of outstanding and extraordinary qualifications and experience in IEEE designated fields who has made important individual contributions to one or more of these fields.

Peri E. Arnold, chairperson and professor of government and international studies, has been elected to the executive council of the section on Presidency Research of the American Political Science Association. He has also been named chair of the 1991 Richard Neustadt Award Committee which determines the annual book award of that section.

Adela Yarbro Collins, professor of theology, was elected to be a representative of the Society of Biblical Literature to the Board of Trustees of Scholars Press.

George B. Craig Jr., Clark professor of biological sciences, was appointed to serve on the governing board of the American Committee on Medical Entomology and to deliver the award address to W.R. Horsfall for the Hoogstrall Medal for Distinguished Accomplishment.

Lawrence S. Cunningham, professor of theology, was named associate editor of the new journal *Continuum* (St. Xavier's College) under editorship of Justus George Lawler. He was named associate editor of *The Journal of the American Academy of Religion*.

Jeffrey C. Kantor, associate professor of chemical engineering, has been appointed chair of the Applied Mathematics (Area 10D) of the American Institute of Chemical Engineers. In this position, he is responsible for session programming at the various national meetings of the AIChE for the next two years.

George A. Lopez, faculty fellow in the Institute for International Peace Studies and associate professor of government and international studies, has been appointed to the 1990-91 Selection Committee for the Education and Training Grants Program of the United States Institute of Peace. USIP is an independent institution established by Congress to strengthen the nation's capacity to promote the peaceful resolution of international conflicts.

Gregory E. Sterling, assistant professor of theology, became a member of the editorial board of *Studia Philonica Annual*. He became chair of the Philo of Alexandria Seminar for the national meeting of the SBL with a five-year term.

Eugene C. Ulrich, professor of theology, was re-elected president of the international organization for Septuagint and Cognate Studies for 1990-93 at the organization's annual meeting in New Orleans, La., Nov. 22. He was appointed a member of the Ancient Manuscript Committee of the American Schools of Oriental Research.

Activities

William B. Berry, associate chairman and professor of electrical engineering, and Robert L. Kleinman of ElectroCom Automation, Inc., presented "An Overview of the RF Deicer System Development" to the Engineering and Operations Departments of the Washington Metropolitan Area Transit Authority and DeLruw, Cather and Company at the WMATA Offices in Washington, D.C., Dec. 14.

Joan F. Brennecke, assistant professor of chemical engineering, presented "Chemical/Physical Theory Model of Supercritical Fluid-Entrainer Systems" at the American Institute of Chemical Engineers annual meeting in Chicago, Ill., Nov. 12.

Jacqueline V. Brogan, associate professor of English, was the featured poet for Writers and Other Troubadours in Mishawaka, Ind., Nov. 6.

Gerald L. Bruns, White professor of English, served as a respondent on a panel on his book *Heidegger's Enstrangements: Language, Truth, and Poetry in the Later Writings* at the annual meeting of the Society for Phenomenology and Existential Philosophy at Villanova University in Villanova, Pa., Oct. 11-13. He presented "The Hermeneutics of Midrash" and "On Midrash and Intertextuality" at a session on The History and Literature of Early Rabbinic Judaism at the annual meeting of the Society for Biblical Literature in New Orleans, La., Nov. 17-19.

Bruce A. Bunker, associate professor of physics, delivered the invited presentation "Current Trends in EXAFS Data Analysis" at the workshop on Computational Methods in X-ray Absorption Fine Structure in Brookhaven, N.Y., May 16. He presented "Proposal for Establishment of an International Database" at the second international workshop on XAS Standards and Criteria in Brookhaven, N.Y., May 19-20. He gave "XAS Data Analysis: Techniques, Misconceptions, and Recommendations" and "Proposal for an International XAFS Database" at XAFS VI: The Sixth International Conference on X-ray Absorption Fine Structure in York,

Faculty Notes

England, Aug. 6-10. He presented "EXAFS Investigations of Semiconductor Alloys and Ferroelectrics" at the Condensed-Matter Physics Seminar at Michigan State University in East Lansing, Mich., Oct. 29. He gave the presentation "Probing Semiconductor Alloys and Interfaces With X-Ray Absorption Spectroscopy" at the Physics Colloquium at Marquette University in Milwaukee, Wis., Nov. 9.

Hsueh-Chia Chang, chairman and professor of chemical engineering, presented "Estimation of Diffusion in Chaotically Mixed Systems," "Sideband Instability of Inclined Film Flow" and "Stabilization of Nonlinear Draw Resonance by the Karhunen-Loeve Procedure" at the 82nd AIChE meeting in Chicago, Ill., Nov. 11-14. He presented "Nonlinear Excitation of Linearly Stable Long Waves by the Eckhaus Instability of Critical Short Waves" at the 43rd annual meeting of the APS Division of Fluid Dynamics held in Ithaca, N.Y., Nov. 18.

Michael J. Chetcuti, associate professor of chemistry and biochemistry, presented an invited seminar titled "Organometallic Chemistry of Nickel-Molybdenum and Nickel-Tungston Bimetallic Template" at the University of New Mexico in Albuquerque, N.M., Nov. 19. He delivered the same lecture to the Inorganic and Nuclear Chemistry Division at the Los Alamos Research Laboratories in Los Alamos, N.M., Nov. 20.

Robert W. Clausen, assistant professor of biological sciences, presented the invited lecture "The Use of Intravenous Gamma Globulin in Clinical Practice-N.I.H. Consensus Report" at the scientific meeting of the Indiana chapter of the American College of Physicians held in Indianapolis, Ind., Dec. 1.

Adela Yarbrow Collins, professor of theology, attended a meeting of the editorial board of the commentary series, *Hermeneia*, in Lexington, Mass., Nov. 2-4. She presided at a session of the Historical Jesus Section on Jesus and His Social World and spoke as a panelist in a discussion of Leonard Thompson's *The Book of Revelation: Apocalypse and Empire* (Oxford University Press, 1990) in a consultation on Literary Criticism of the Apocalypse at the annual meeting of the Society of Biblical Literature in New Orleans, La., Nov. 18.

George B. Craig Jr., Clark professor of biological sciences, presented the invited paper "Adaptation of USA *Aedes albopictus* to tropical climates" at the Ohio Vector Control Association meeting in Columbus, Ohio, Sept. 30-Oct. 2. He gave the keynote address "Unilateral Disarmament: The Sorry State of Vector Control Technology Today" to the Illinois Vector Control Association in Itasca, Ill., Oct. 18-19. He presented "Status of Vector-borne Disease Research, Indiana, 1990" to the North Central Research Group on Insects and Human Health, NCR-165, in Madison Wis., Oct. 29-30. He delivered the address "*Aedes albopictus* in the United

States: Adaptation by Loss of Photoperiod-induced Dispause in Florida" co-authored with William A. Hawley, assistant faculty fellow in biological sciences, in a plenary symposium on Effects of Global Warming on Tropical Disease at the meeting of the American Society of Tropical Medicines and Hygiene in New Orleans, La., Nov. 4-8. Craig presented "*Aedes albopictus* in Florida: Adaptation to the Tropics by Loss of Diapause," served as judge of Linnaean Games and moderated the symposium on trapping methods for control of bloodsucking arthropods at the annual meeting of the Entomological Society of America held in New Orleans, La., Dec. 2-6.

Xavier Creary, professor of chemistry and biochemistry, presented a seminar titled "Destabilized and Stabilized Carbocations. Are Revisions Necessary?" to the Department of Chemistry at the University of Tennessee in Knoxville, Tenn., Nov. 15.

Lawrence S. Cunningham, professor of theology, gave the lecture "John Henry Newman as a Pastoral Minister" at Kansas Newman College in Wichita, Kans., Nov. 12.

Dennis P. Doordan, associate professor of architecture, was an invited participant at the Wright Scholars Conference sponsored by the Frank Lloyd Wright Home and Studio Foundation in Oak Park, Ill., Nov. 2-4. Funded by the National Endowment for the Humanities, the conference brought 14 Wright scholars together to review the work of the Home and Studio Foundation and assist the foundation in its efforts to develop future programs and publications. He moderated a panel devoted to "Design Innovation" at the Discovering Design conference sponsored by the University of Illinois in Chicago, Ill., Nov. 5-7. This international design conference included participants from Australia, Canada, France, Italy, Poland and the United Kingdom.

Rev. Patrick D. Gaffney, C.S.C., associate professor of anthropology, gave the invited paper "Theorizing the Relationship Between Popular and Elite Islam: A Discussion of the *Muslim Preacher in the Modern World*" in the Study of Islam section at the meetings of the American Academy of Religion in New Orleans, La., Nov. 18.

Alexander J. Hahn, professor of mathematics, gave the colloquium lecture "Quadratic Groups and Quadratic Forms" to the Mathematics Department of McMaster University in Hamilton, Ontario, Canada, Nov. 9. He gave the same address as one of the invited speakers on "Algebra Day" at Indiana University in Bloomington, Ind., Nov. 17.

Ronald A. Hellenthal, associate professor of biological sciences, participated in a working group that is developing automatic data processing standards for use in systematic entomology held at the U.S. National Museum in Washington, D.C., Oct. 26-31.

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Charles Kannengiesser, Huisking professor of theology, as general editor, was responsible for M.A. Chevallier, *Souffle De Dieu, Le Saint-Esprit dans Le Nouveau Testament*; M. Vincent, *Saint Augustin Maître de Prière*; and R. Beulay, *L'enseignement spirituel de Jean de Dalyatha*. All three volumes were published at Beauchasne's, Paris, 1990. He lectured on "Pope Shenouda and the Revival of the Coptic Church in Egypt" at the Saint Mina and Pope Kyrillos VI Association in Prospect Heights, Ill., Nov. 4. He gave the lecture "The Local Setting and Motivation of *De Doctrina Christiana*" in the Augustine Conference at Marquette University in Milwaukee, Wis., Nov. 9.

Jeffrey C. Kantor, associate professor of chemical engineering, chaired a session titled "Novel Applications of Mathematics in Chemical Engineering" at the 1990 annual meeting of the American Institute of Chemical Engineers held in Chicago, Ill., Nov. 11-16. He was an invited panelist for a session titled "Process Control Education in the 1990s" and presented the papers titled "Model Predictive Control for Discrete-Event Systems," "Reliable Linear Control Design for Hard Constraints," "Optimization and Control of Discrete-Event Process Using Petri Net Models" with E.C. Yamalidou, and "Optimization and Control of Batch Plants with Multiple Units per Stage and Alternative Processing Paths" with E.P. Patsidou at that meeting.

Lloyd H. Ketchum Jr., associate professor of civil engineering, presented the talk titled "Organism Selection and Enrichment Strategies for the Startup of an Anaerobic Sequencing Batch Reactor" co-authored with James P. Earley, assistant faculty fellow in civil engineering, and Yutao Shen at the 1990 annual meeting of the American Institute of Chemical Engineers in Chicago, Ill., Nov. 11-16.

Edward A. Kline, professor of English and O'Malley director of the Freshman Writing Program, chaired a session on "Centering the Writing Center: Empowering New Populations" at the 80th annual convention of the National Council of Teachers of English in Atlanta, Ga., Nov. 16-21.

Charles F. Kulpa, associate professor of biological sciences, presented the seminar titled "Use of Microbial Cultures for the Biodegradation of Aromatic Compounds such as TA/PTA Waste Components" and discussed research projects at the AMOCO Research Center in Naperville, Ill., Nov. 20.

Gary A. Lamberti, assistant professor of biological sciences, was an invited participant in the SIL Biological Monitoring workshop at Purdue University in West Lafayette, Ind., Nov. 28-Dec. 1.

A. Eugene Livingston, associate professor of physics, presented a paper titled "Spectroscopy of High Angular Momentum Rydberg States in Si^{10+} " at the 12th international conference on Atomic Physics in Ann Arbor, Mich., July 29-Aug. 3. He gave a seminar titled "Spectroscopy of High An-

gular Momentum Rydberg States in Berylliumlike Ions" at the University of Windsor in Windsor, Canada, Oct. 9. He presented a colloquium titled "Structure of High Angular Momentum States in Highly Ionized Atoms" at the University of Western Ontario in London, Canada, Oct. 10.

Rev. Richard P. McBrien, chairman and Crowley-O'Brien-Walter professor of theology, gave the keynote address "Gathering to be Sent: Our Mission for the '90s" and "The Role of Religion in the '90s" at the Ministries Conference of the Diocese of Richmond in Hampton, Va., Oct. 26. He gave the homily on the occasion of the installation of Ralph Smith as a tenured professor at Wartburg Theological Seminary in Dubuque, Iowa, Oct. 31. He participated in the live panel discussion "ABC News Forum - Abortion: The New Civil War," Nov. 1. He presented "Why I am a Catholic?" at the St. Edward's Hall Forum in St. Edward's Hall at the University of Notre Dame in Notre Dame, Ind., Nov. 7. He presented "Authority and Responsibility in an Adult Church: Conflict and Challenge" at the Call to Action national conference in Silver Spring, Md., Nov. 13.

Rev. Richard A. McCormick, S.J., O'Brien professor of theology, presented "Religious Faith and Bioethics" to the Miami Valley Hospital in Dayton, Ohio, Oct. 16. He gave "Conscience and the Catholic Politician" to the Association of Chicago Priests in Chicago, Ill., Oct. 23. He gave "Considering the Quality of Life in Clinical Decision-Making" at Mount Carmel Health in Columbus, Ohio, Oct. 26. McCormick presented "Perspectives on Homosexuality and the Church" at the Hesburgh Library at the University of Notre Dame in Notre Dame, Ind., Oct. 30. He presented "Euthanasia and the Terminally Ill," "Decision-Making After Cruzan" and "Religious Faith and Mortal Decisions" at the Riverside Hospital in Toledo, Ohio, Nov. 1.

Paul J. McGinn, assistant professor of electrical engineering, delivered the invited talk "Directional Solidification of $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ by Zone Melting" at the annual meeting of the American Institute of Chemical Engineers in Chicago, Ill., Nov. 16.

María Rosa Olivera-Williams, associate professor of romance languages and literatures, read an invited paper titled "La muerte como fuerza creadora en la poesía de José Emilio Pacheco" at the session titled "La poesía hispanoamericana postvanguardista" and read the invited paper "La narrativa de Cristina Peri-Rossi: rebelión imaginaria y fracaso simbólico" at the session Contemporary Women Writers of the Southern Cone at the Midwest Modern Language Association in Kansas City, Mo., Nov. 1-3.

Joseph E. O'Tousa, assistant professor of biological sciences, presented the seminar titled "Drosophila Models for Inherited Retinal Degeneration" at the National Eye Institute in Bethesda, Md., Nov. 3-6.

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G. Margaret Porter, associate librarian, gave a presentation titled "What Does it Cost? An Overview of the Costs of Various Forms of Electronic Access to Bibliographic Information" at the fall meeting of Indiana Online Users Group held at Indiana State University in Terre Haute, Ind., Nov. 9.

Jonathan Sapirstein, associate professor of physics, gave the seminar "Atomic Theory of Parity Violation in Cesium" at the Fermi Institute at the University of Chicago in Chicago, Ill., Nov. 21.

Donald E. Sporleder, professor of architecture, attended the annual meeting of the Indiana Society of Architects and the 25th Anniversary of the College of Architecture and Planning at Ball State University in Muncie, Ind., Oct. 13. He participated in a meeting of the Indiana Society of Architects, Intern Development Program Coordinators, as the School of Architecture, University of Notre Dame, Education Adviser for the Intern Development Program. He served as Notre Dame delegate at the East Central Region meeting of the Association of Collegiate Schools of Architecture and attended the Art: Architecture Symposium, joint conference sponsored by the Wexner Center for the Visual Arts, Ohio State University Department of Architecture, and the ACSA East Central Region in Columbus, Ohio, Oct. 21-23.

Gregory E. Sterling, assistant professor of theology, presented "Philo and the Logic of Apologetics: An Analysis of the Hypothetica" at the annual meeting of the AAR/SBL in New Orleans, La., Nov. 18.

William Strieder, professor of chemical engineering, delivered the paper "Diffusive Resistance Across Immobilized Liquid Films" and co-authored the paper "Void Gas Conduction in Low Pressure Cryogenic Insulation" at the 1990 American Institute of Chemical Engineers annual meeting in Chicago, Ill., Nov. 11-16.

Flint O. Thomas, associate professor of aerospace and mechanical engineering, presented a paper titled "On the Nonlinear Spectral Dynamics of Planar Jet-Shear Layer Transition" at the 43rd annual meeting of the American Physical Society Division of Fluid Dynamics at Cornell University in Ithaca, N.Y., Nov. 18-20.

Eugene C. Ulrich, professor of theology, presented an invited paper titled "Biblical Text Groups and the Canonical Process" and presided over the program and executive committee meeting of the international organization for Septuagint and Cognate Studies at the annual meeting of the Society of Biblical Literature in New Orleans, La., Nov. 19-22.

Arvind Varma, Schmitt professor of chemical engineering, chaired a session titled "Chemical Reactor Stability and Dynamics" and presented a paper titled "Combustion Synthesis of TiC and Intermetallic Compounds" at the 1990 annual meeting of the American Institute of Chemical Engineers held in Chicago, Ill., Nov. 11-16. He also co-authored three papers presented at the same meeting: "Optimal Catalyst Activity Profiles in Pellets: The Case of Catalyst Surface Area varying with Catalyst Loading" presented by former doctoral student Massimo Morbidelli, "Some Reaction Engineering Considerations in the Synthesis of Reaction-Bonded Silicon Nitride" presented by doctoral student Richard Pi-geon and co-authored by Albert E. Miller, professor of electrical engineering, and "An Automated Reactor for the Synthesis of Stable Isotopically Enriched Monosaccharides" presented by research associate Ulick Stafford and co-authored by Anthony S. Serianni, associate professor of chemistry and biochemistry.

Robert P. Vecchio, Schurz professor of management, presented a paper titled "Nested IF-THEN-ELSE Constructs in End User Computing" co-authored with Houn-Gee Chen, instructor in management, at the national meeting of the Association of Management in Orlando, Fla., Aug. 8. In addition, Vecchio served as session chairperson and discussant at the conference.

Andrzej Walicki, O'Neill professor of history, presented the paper "Totalitarianism and Detotalitarization" at the international conference on "Post-totalitarian Societies" in Radziejowice, Poland, Nov. 12-14.

A. Peter Walshe, director of the African Studies Program and professor of government and international studies, gave the invited lecture "Prophetic Christianity and the South African Liberation" at the von Hügel Institute for the Study of Religion and Politics at Cambridge University in Cambridge, England, April 4. He presented the John Igleheart Public Affairs Lecture "South Africa: The Liberation Movement, Prophetic Christianity and the End of Apartheid" at the University of Evansville in Evansville, Ind., Nov. 15.

Rev. James F. White, professor of theology, gave the Bransford Lecture "Architecture as Theology" in Anderson, Ind., Nov. 6. He gave two lectures on Church Architecture to the Duke Endowment in Durham, N.C., Nov. 12. He gave two lectures at the Duke Divinity School in Durham, N.C., Nov. 12-13.

John H. Yoder, professor of theology, presented the assigned paper "The Ethics of Violence" at Fraternidad Teologica Latinoamericana in Quito, Ecuador, Dec. 5-12.

Documentation

Corrections to Notre Dame Report #4

University Committees

FACULTY GRIEVANCE COMMITTEE

Larry K. Patterson, Radiation Lab

Faculty of the University

MICHAEL R. DEPAUL, Assistant Professor of Philosophy. B.A., Univ. of Notre Dame, 1976; M.A., Ohio State Univ., 1979; Ph.D., Brown Univ., 1983. (1982)

Mason Addresses Business Leaders

Text of a speech delivered by Thomas J. Mason, vice president for Business Affairs, at a luncheon for Michiana business leaders, September 19, 1990.

The basic function of Business Affairs is to provide services that allow the teaching and research efforts at the University to go forth in an orderly fashion. Some of the basic functions that we worry about include the controller's operation, which takes care of all the financial records of the University. The controller also operates the Cashier's Office and the Student Accounts office where we collect the tuition. We operate the Physical Plant, which takes care of the new construction and the renovations. We also take care of the Fire Department and the Power Plant. We operate the Support Services, basically the Grounds Department, maids, janitors, mail room and related support services. Our associate vice president is Jim Lyphout, and his area of responsibility includes all the auxiliary activities — the Morris Inn, the Dining Halls and the Bookstore. He also operates the Financial Aid Office, the Insurance Office and Cedar Grove Cemetery. We also operate the Internal Audit Department and the Investment Office. The Trustee's Committee on Investments and Finance does the actual hiring of the investment advisers and sets investment policy. The Investment Office does research and maintains records. We also operate the Purchasing Department.

In addition, I personally teach in the Business Administration school, something that I very much enjoy doing as it keeps me involved with the students. I received some good advice early on when I arrived here, and that is to get out of the office and talk to the students and find out what is going on. It is probably some of the best advice that I have received.

The current operating budget for the University is \$255 million. If you escalate that by five percent over the next five years, then throw in \$75 million for construction, you will arrive at an expenditure of \$1.5 billion over the next five years. The Chamber of Commerce tends to take that figure and escalate it by what they call an economic impact figure, normally around 2.0. If you do that, you will get an economic impact figure \$3 billion over the next five years. In addition to that, we have about 4,000 full- and part-time employees. We have about 10,000 students, of whom about 3,000 live off campus, which is a further economic impact. We also have all the visitors for the various activities — athletics, the mobile home show or what have you.

It may surprise you to find out that we pay a substantial amount of taxes. For instance, WNDU is a wholly-owned tax-paying corporation, and the money they earn we pay taxes on just as any corporation does. We pay taxes on unrelated income. That is to say, we are tax-exempt insofar as our educational endeavors are concerned, but if we operate an enterprise that falls outside our tax exempt authorization, then we pay taxes on that. The Internal Revenue Service just audited us last month. They were here for two months with three auditors. We also pay property tax here in the area. We are tax-exempt on a given acreage, but everything beyond that is taxable, and we do pay tax to the city and the various municipalities.

When we talk about the operating budget, the largest factor is tuition. Undergraduate tuition for the current year is \$12,390. The average student pays about 60 percent of the costs of his or her education, and the rest of it comes from endowment income, grants and gifts. We do market surveys to see how we rate with comparable private institutions. For the last six years, we have come out number 30, from high to low. We are still one of the best buys in the country in terms of private higher education. We constantly worry about the competition from the public institutions which are obviously federal and state supported. We must be cognizant that students have an option — they can stay home in their given state and pay much lower tuition.

You see a lot in the press from time to time about the costs of higher education — their escalation and annual increase of eight to nine percent. The question is always asked, "Do we know what we're doing?" or "Do we know what the market is?" What is driving tuitions? It is a very simple formula. If one accepted the fact that inflation was going to go up five percent, and if tuition then went up five percent, everybody would be relatively happy and there wouldn't be too many questions. But why does it go up maybe nine percent? There are about four or five items driving our tuition. Number one is computers. We will spend \$27 million over a five-year period to operate computers for the students and the faculty, to ensure the technology and the instruments of that technology are available to students and faculty. That commitment adds one percent to tuition. We made a

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commitment a couple of years ago also to have our faculty in the first quintile of the American Association of University Professors Statistical Survey. In order to maintain that level of involvement it has cost us more than five percent for inflation. It probably cost us a five-and-one-half to six percent salary increase to do that. And that adds another one-half percent onto tuition.

It is very important to us to have the faculty in that first quintile because what that means is we are able to, from an economic standpoint, attract the absolute top faculty members in the country. A recent survey of faculty salaries indicated that with our first quintile ranking, along with the economics of the Michiana area in terms of cost of living in this area, our faculty are probably the second-best paid in the country.

Another factor that drives our tuition is health insurance. Health insurance costs continue to escalate at about 25 percent each year. Twenty-five percent on a \$4 million cost basis obviously translates into about a million dollars of additional cost each year. A million dollars worth of cost again translates into one percent on tuition. So health care costs alone add one percent additional to the cost of tuition. You saw in the film all the new buildings we're building — that translates into operating costs and each year we have to add an extra one-half percent to tuition in order to fund heat, light, power, janitorial supplies, etc. And what we call academic enhancements in order to improve the academic quality of the institution adds an extra one and one-half percent.

On the other side of the coin, I remind you that we also have made substantial commitments to financial aid in order to finance an education here at Notre Dame. Undergraduate students receive about \$38 million a year in financial aid. That \$38 million is from all sources, whether they bring it with them, whether they work or whether they are on athletic scholarships.

Sixty-eight percent of our students receive some kind of aid, and the average aid is \$7,300. One of the principle elements of that aid, I might just mention, is ROTC. We have one of the largest ROTC contingents in the country. About nine percent of our students belong to ROTC, and that translates into a financial aid package that is valued at about \$7 million a year. And as the federal government institutes cutbacks, and such cutbacks reach ROTC, which I suspect they might, we will be faced with an impact on financial aid.

The new commitments we have made include a million dollars a year from the Sorin Society, composed of unrestricted gifts to the University. We will spend one million dollars a year of those funds for financial aid. We will attempt to increase the endowment for financial aid by \$100 million over the next 10 years. We have also committed substantial

sums from the new NBC television football contract to financial aid. Finally, post-season athletic activity, the bowl game, and the NCAA basketball tournament contributed to financial aid.

When one looks at the overall finances of the University, we tend to describe it as a tripod with its three prongs or three legs. The three legs are the endowment, the Physical Plant and operations. The endowment, as of June 30, based on our financial reports, was \$605 million. That puts us about number 17 in the country in terms of all universities. As I like to privately say, if you take out the endowments of Harvard, Yale, or Texas, and Stanford, and compare us to the regular folks, we are probably pretty close to number 12.

The Physical Plant is the second leg, and I'll talk in just a moment a little bit more about the physical plant and the projects that we have underway. We will be doing in the next five years about \$100 million worth of new construction and major renovations. Resources are, in fact, available to cover those commitments.

The third part of the tripod is the operating budget — I like to describe it as tight but manageable. We don't have much fat in it; our supervisors are all working supervisors — it's a pretty thin level of management plus a good budget team. And the thing that makes the budget work at Notre Dame is that when we put it together, everybody commits to it. Everybody makes it work, and that's very important. If you look at universities that are running deficits or have substantial problems, there are nine chances out of 10, if you analyze it, the problem is the team isn't working. I have been here, as I mentioned, 15 years, and we have not had an operating deficit during those years. I do not intend to have one in the foreseeable future.

The great success that we have enjoyed in fund raising over the years, and currently the great success that Bill Sexton has brought to this University in terms of fund raising, is certainly very important. All the things that we talked about in terms of the endowment and the new construction and the operating budget and the fiscal plan — those things could not happen without fund raising. Bill Sexton and his staff, I might add, are very instrumental in bringing that to a happy ending.

Most of you would be absolutely thrilled if in your business you had five customers for every item you had for sale. We tend to be in that position. Simply, applications grow. We are seeking 1,800 or 1,900 students each year, when we are getting applications in the 9,500 range. So we can afford to be selective in the quality of the students.

One last comment on the overall finances of the University. Last year, for the first time, we went out and issued bonds as a University, in the University's name. And we did that in order to finance, basically, the graduate housing complex

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that you saw — married student and graduate housing. The bond issue required an evaluation by an investment service, and we had Moody's come and do an evaluation of the University. And when they do an evaluation, it is the same as if you were on the commercial side of the ledger. They went through the place with a fine-toothed comb, looking at all our programs and our finances and our future. We are proud to announce that they awarded the University a Triple-A rating. The Triple-A rating, to show you its importance, at least to us in higher education, is that there are only nine other institutions in the country who enjoy such a rating.

Construction. I don't want to spend too much time on this because you saw it in the film. Let me put some dollars to what you saw, just so you get some idea of the magnitude. I know most of you are business folks and like to convert things from brick and mortar to bids and dollars. We are doing about \$60 million worth of construction right now. This includes the classroom building at \$22 million (up \$2 million since the film was made). The Pasquerilla Center, \$5 million. The Koons Rehearsal Hall was \$3 million. Aerospace — there's another \$3 million to put an addition on the heat/power lab, where we will be moving the wind tunnels. On Juniper Road — we have nearly completed phase one of the two-year project to completely redo Juniper. It will be about a \$3 million project. We recently completed the support service warehouse building out behind the Credit Union — that was about \$2 million. We have remodeled the old ROTC building to accommodate the Security Department and some classrooms and teaching offices.

Those projects constitute the \$60 million. In addition, there is a business administration building that we are developing plans for at the present time. We hope to bring it in somewhere around \$12 million. The performing arts theatre building will probably be in the area of \$15 to \$20 million. We also do about \$5 million worth of annual remodeling in two programs — dormitories and academic buildings. First priority is life safety in the residence halls. We are talking about sprinkler systems, enclosed stairwells, smoke detectors, those kind of things. We are probably one of the few universities in the country who have established a formal program for maintaining buildings. As I noted earlier, in the 1980s we were spending about \$10 million a year for construction and major renovations. The '90s have got us into a clip of about \$20 million a year for the next five years.

I would like to comment on proposed renovations of the Administration Building. Nothing is going on at the present time, but we are having some internal discussions. We will be asking the architects to at least take a preliminary look, because something has to be done with the Main Building in the not too distant future. The other building that I will mention in passing is the football stadium. We have looked at various ideas. Five students from the Archi-

tecture school last year spent their senior year developing a proposal and actually built a model. We have it in storage, but there are no current plans for expansion or construction of a new stadium.

Let me comment on some things that we do together and that I think we do well. The classic example, of course, was the Special Olympics of the recent past. But we also have some things going on now for which we would like to encourage your continued support. Number one is our Homeless Center, an endeavor to solve a community problem in which the University is heavily involved. Also involved are the United Religious Community, the city and industry, in particular, Allied Signal (Bendix). They are committed to provide funding to remodel the center's second floor. We are not involved in warehousing; we are involved in trying to build a program for total services for the homeless. We want to make sure that all their needs are taken care of, not just their housing. The Homeless Center is an example of a commitment that we have undertaken together. If we put the same effort into other problems that we have put into this one, I think we could solve a lot of them through partnership. We currently take care of about 175 to 200 folks down at the Homeless Center. If you have an hour some time, stop by in the evening. If you will spend a half-hour preparing the food or serving the meal or taking care of those people, I will guarantee you that you will make a commitment for life to get involved. You can not walk away from the problem. I think that is true with many, many problems that we have that we work together on. If we get personally involved, we will find a way of solving them. One last comment. The homeless stereotype is the male bum with the bottle. But if you go down to the center, you will find that one-third of them are women and one-third of them are families. As we face going into a recession, the need is going to increase.

I mentioned to you earlier, health insurance is a concern. Through the Chamber of Commerce, we used to have the Health Care Coalition heavily involved in trying to see what we could do to control health care costs without a loss in quality of treatment. I think we obviously have a very high quality health delivery system in this community. We now need to worry, I think, a little bit about prices. I would like to see us reactivate that Health Care Coalition, and see if we can't maintain a level of service that we have achieved in this community, but do so in a financially responsible way. I know as a major employer in this community, we cannot sit quietly by and watch costs go up 25 percent a year without taking some action, and we would like to be partners with you in looking at this situation.

Father Malloy mentioned that we have an Environmental Concerns Committee, and we are looking at many issues that, again, impact the community and the communities that surround us. We are working on a smoke-free environment. We have had discussions and speakers in from the

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local hospitals. One of our residence halls a couple weeks ago voted themselves smokeless. We are working on emissions, too, from smokestacks, vehicles and everything else. We are also working on water quality. We strictly depend upon wells here at Notre Dame, and so we want to make sure that we have an adequate water supply, that the water is of sufficient quality, and that we have a backup system should anything go wrong. We have a series of meetings with community leaders in that specialty. We will deal with other issues as we go along, including asbestos.

If you look at the total picture, then, of what I have brought to your attention, I think through the University we have a very sound economic base here. If we, in fact, are going to spend \$1.5 billion over the next five years, this will come with some degree of stability. There are rumors of recession, but educational institutions have not been subject to the ups and downs as have many businesses. We offer, then, a fairly stable workforce of 4,000-plus employees. We have not had many lay-offs, we have not had many cutbacks over the year — absolutely minimal. And we want to stress what Father Malloy mentioned, we are members of the community. We are, and want to continue to be, your partners in the Homeless Center and in health insurance reform and in environmental issues. The quality of life in our community depends on each of us becoming involved — becoming involved individually, becoming involved from an institutional standpoint. I'll conclude by saying that we appreciate your support over the years, and we look forward to working with you in the future. Thank you very much.

Gernes Receives Sheedy Award

Text of a talk delivered to the Arts and Letters Advisory Council by Sonia G. Gernes, professor of English and recipient of the Charles E. Sheedy Award for Excellence in Teaching, October 12, 1990.

The night before Mike Loux called to tell me I had won the Sheedy Award for 1990, I was in the South Dining Hall — in that elegantly paneled upstairs room where faculty are supposed to be able to hide from students and eat their lunches in peace. I wasn't hiding, however. I was having dinner with students I'd taught two years before. About a week earlier, I'd gotten a call from a junior named Mary Lee Freeman who said, "A bunch of us in the honors program were reminiscing about our freshman year when we were all together in our honors classes, and we decided to have a dinner for the pros who taught us. Can you come?"

Sure, I could come. I'd be delighted. And I was even more delighted as the dinner wore on. I'd been expecting an evening of conversation and catching up around the big

round tables, but it turned out that the students had planned a program. Mary Lee got up and managed to trot out an embarrassing story about each of the faculty. Mine wasn't too bad — it was about the time I invited the students who couldn't go home for Thanksgiving to come for dinner on Thanksgiving Eve. They were all so nervous about being well-mannered that they could hardly talk, Mary Lee reports, until one of the young men dumped his water glass over into my lap, and they all thought "Oh, forget it," relaxed, and had a good time.

Then Mary Lee got down to the serious part of what she wanted to say. She quoted Vincent Donovan, a missionary to the Masai tribes in Africa. In his book *Christianity Revisited* Donovan explains that the Masai have a very difficult time grasping the idea of a universal brotherhood and all its implications because they are used to a very specific brotherhood, called *orporor*, which is limited to a certain age-group within the clan who are initiated together. "This orporor," Donovan says, "taught them everything they knew of love and loyalty and dedication and responsibility and sacrifice. But it was necessarily limited by that very time, that very space."

Donovan goes on to say this: "One morning while the old man, Ndangoya, and his community were struggling with this problem [of how brotherhood could be universal], I could not help but notice . . . a man named Keriko, in obvious pain. I was certain he was ill. But my Masai catechist helper, Paul, chuckled over my concern.

"Are you worried about old man Keriko? Don't worry, he is all right. You see, for a Masai there is not much need to think in life. Almost everything he learns, he learns by memory, by rote. It becomes automatic for him, like tying your shoes or buttoning your shirt is for you. He learns about food and clothes and houses and kralls and cattle and grasses and women by memory — even things about God and religion. When he needs an answer to a question, all he has to do is reach into his memory and come up with the correct answer. He can reach his adulthood without thinking at all. What you are asking Keriko to do is to take the first thought about the Masai brotherhood of the orporor, and the second thought about the human race and the God of all the tribes, and to put the two thoughts together to make a new thought. That is very difficult work. What you are witnessing in Keriko is the pain on the face of a man who is thinking for the first time in his life."

"That's what you did for us," Mary Lee said. "You forced us to think. And it must have been painful for you to watch at times, because it was certainly painful for us. But it happened, and we thank you."

Even if Mike Loux hadn't called the next morning, that moment would have kept me going for quite a long time, because what those students said that night confirmed, much

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as this award does, that in twenty-odd years of teaching, I'd done something right.

The course those students took from me in the fall of '87 was officially called Honors English, but I called it something else — Gender and Society in American Literature. The students didn't know it, but they were guinea pigs that semester. I was testing out a course I hoped to teach in our not-yet-approved Gender Studies Concentration, and I was trying to do precisely what the missionaries did to Keriko: to make the students take an old thought — that literature holds the fabric of society to the light and lets us see the manners, morals and motivations that are woven therein — and a new thought: that gender is a construct that influences from birth not only how we act but how we think — and from these two thoughts to form some conclusions of their own.

Example: If Owen Wister's *The Virginian* spawned the whole genre of Western novels, movies and TV shows and set millions of little boys dreaming of heroics on horseback, perhaps we should look at the qualities Wister assigns to real men and to wimps? (There's a character named Shorty in that novel who's a failure because — among other reasons — he's short.)

Example: If most of the women in Edith Wharton's *The Age of Innocence* seem determined to perpetuate the traditions that keep them (to the narrator's words) abysmally innocent and blind, what's the payoff in their society? And how did it come to be structured that way?

My assignment in giving this talk was to present my views on teaching, and in case what I've said so far doesn't constitute a view, let me give you one: I see my job not as the role of one who dispenses truths — we poets don't have a lot of truths — but as one who presents, and provokes, and provides a situation in which two thoughts can be rubbed together. Probably that's why I persist in trying to use a discussion format, even with classes of 40 and 50. The most important thing I brought with me from my years as a high school teacher back in Minnesota is a belief that students learn to the degree in which they are involved.

Another view is this: The most involved students are almost always those who can bring in thoughts from my colleagues' classes to rub against those that are presented in mine (and I'm deliberately using a verb here which implies friction and sometimes sparks). That's the joy of teaching in the liberal arts and particularly in an interdisciplinary program such as Gender Studies, and it means that this Sheedy Award is as much my colleagues as it is mine.

My last view comes in the form of a confession: I suspect that whatever success I've had as a teacher comes from my own deficiencies: I've always had trouble with abstractions,

and I'm easily bored. That means that to have an intellectual life, I need to take a concept and break it down or rephrase it into the most concrete terms possible. If I can do that for myself, I can probably do it for students with similar difficulties (and I suspect their number is legion). It also means that early on I concluded that not all thought is linear, or logical, or capable of being abstracted from the events and emotions in which it inheres. That's why I'm a poet. That's why I began this talk with a story — a story within a story, in fact — and why I've now moved into the confessional mode in the hope that you won't go to sleep.

I want to say a little more about stories. My colleague George Howard from the Psychology Department tells me that his research on volition shows that the stories people tell themselves about themselves influence their decisions. I believe it. And I believe this applied to both inner and outer stories. When I went to New Zealand on a Fulbright in 1986, I found myself plunked down in a world where not only were my old truths reversed (July is not a summer month there; daffodils bloom in what I was trained to call fall; jungles are cool in New Zealand; cold wind blows up from the south) but a new set of stories prevailed: the strange and wonderful Maori myths. As I pondered the figures of Tane and Rangi (who is Father Sky) and the elfin flute players of the Urewera forest, I found myself pondering the almost universal urge to mythologize — to order chaos by means of narrative. "We become what we believe," I wrote in a poem, "the stories we tell/ to make the random right."

But myths not only order and explain, they also preserve the original mystery. And so does any story worth its salt. That's why it can't be reduced to linear logic. That's why it's capable of conveying truth. Flannery O'Connor says that the mind that can understand fiction "is willing to have its sense of mystery deepened by contact with reality, and its sense of reality deepened by contact with mystery."

That's what I hope for my students: that they will value knowledge whether it arrives on a bus or a train or a deconstructed utterance; that they will take the concept they've learned in your class and the tale they've heard in mine and forge from them a thought in which mystery can dwell — that they will learn from us together the skills to interpret and to author the stories that will be their lives.

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236th Graduate Council Minutes October 31, 1990

Dr. Nathan O. Hatch opened the meeting at 3:30 p.m. on October 31, 1990, in Room 210 Center for Continuing Education.

Members absent and excused: Dean Francis J. Castellino, replaced by Dr. John G. Duman; Dean John G. Keane, replaced by Dr. Robert W. Williamson; Dr. Francis X. Connolly; Dr. Edward A. Goerner; Dr. Albert E. Miller (on leave); Dr. JoAnn DellaNeva; Dr. Lawrence C. Marsh.

Guests of the council: Dr. Barry P. Keating; Professor Douglas Kinsey; Professor William J. Kremer.

I. MINUTES OF THE 235TH MEETING

The minutes of the 235th meeting were approved without change.

II. ART, ART HISTORY AND DESIGN REVIEW

Dr. Hatch called on Dr. Barry P. Keating, a member of the Department of Art, Art History and Design Review Committee, to highlight the critical issues currently faced by the department.

Dr. Keating began by noting that each of the review reports — those of the external reviewers and the final report — embodied two sets of recommendations: one for the department and one for the University administration. He then offered the following major points as an overview of the recommendations:

1. The reviewers formed a high opinion of the department faculty. It was noted that some of the associate professors should probably be promoted to full.
2. The faculty is relatively small, but it covers a large number of courses in various areas on the undergraduate and graduate levels.
3. At this point, it would be premature to consider establishing a Ph.D. program.
4. The art history faculty should not be separated into an independent department.
5. The department should make greater use of the Snite Museum. By the same token, the museum should look to forming relationships with the department.

Dr. Hatch called on Professor William J. Kremer, acting chairperson of the department, for a response.

Professor Kremer made the following points:

1. He does not understand the remark made by Dr. Keating and the other internal reviewers in the final report that many department faculty held the external reviewers in low esteem.
2. The department does not offer 10 graduate degrees. It offers the M.A. in studio, design and art history, and it offers the M.F.A. in studio. There are, of course, different areas in studio.
3. The review took place at the height of the debate over whether or not to separate the art history faculty into an independent department. The faculty have now decided that the department should not be divided.
4. In regard to the museum, use by the faculty for teaching purposes is fairly substantial. The studio faculty would like more input on exhibits, but Professor Porter has, in fact, been accommodating in this area, especially in comparison with museum/department relationships at some other universities. Also, the art history faculty feel they are not being used sufficiently in the museum's acquisitions program.
5. There are currently 22 graduate students in the department, four in art history and 18 in studio and design.
6. The department does not want to establish a Ph.D. program at this time.

Dr. Hatch called on Dr. Michael J. Loux, dean of the College of Arts and Letters, for his comments.

Dr. Loux offered the following remarks:

1. In both their exit interview and their written reports, the external reviewers expressed a favorable opinion of the department.
2. The art history faculty is relatively small, but certainly sufficient to offer the M.A. The growth of the group has outpaced the University's ability to provide adequate library and slide holdings, but these needs will be addressed.
3. There is no ill will on either side in the department's relationship with the museum. The art history faculty believes that since the museum's great strength is its use for teaching, they should have a greater role in acquisitions. However, the way the museum receives funding for acquisitions does not always allow such a role.

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4. The review reports made little mention of it, but one critical problem faced by the department is the need for more on-campus studio space for faculty. The University will eventually address this problem. The present building, Riley Hall, is more suitable for teaching than for faculty studio work.
5. The promotion of associate professors to full will take place, as warranted, in the natural course of things.

Dr. Hatch opened the floor for questions or discussion.

Dr. Kantor asked if the M.A. in studio was really a worthwhile program, given that the M.F.A. is the terminal degree in this area.

Prof. Kremer replied that it is. It allows talented people who lack some prerequisites to qualify for admission to M.F.A. work. It provides a degree alternative for M.F.A. students who, for one reason or another, cannot complete the program.

Dr. Hatch asked if any of the reviewers objected in principle to the M.A. program.

Prof. Kinsey said any objections they may have had on that level would be grounded in the fact that some university M.A. programs are large, whereas Notre Dame's is small. Nevertheless, the M.A. program is desirable here, primarily for the reasons indicated by Prof. Kremer.

Dr. Kantor wondered if either Prof. Kremer or Prof. Kinsey had any comments on remarks made by the external reviewers about discontent among the graduate students and about graduate student quality.

Prof. Kremer addressed each of these topics as follows:

1. Discontent. Some graduate students are upset by the lack of adequate studio space, for example, in photography or sculpture. However, the reviewers found that on the whole there is little reason for graduate student complaint.
2. Quality. Although with some adjustments Notre Dame could be quite good, it is not now a premier place in the various studio areas. This means we are likely to be the second choice among good students competing for places at the top schools. It should be noted, however, that our students compete well for jobs after graduation.

Dr. Loux pointed out that first-rank studio programs tend to be at non-academic, professional institutions such as the Rhode Island School of Design. Among university programs, we do compare well, although, granted, such comparisons are difficult.

Prof. Kremer noted that some large university programs have declined in terms of student quality, while Notre Dame has improved.

Prof. Kinsey added that one strength of our studio program is that we require art history, theory and writing. This is especially valuable for students who pursue a career in teaching.

Dr. Duman asked if the Ph.D. is usually required for teaching art history.

Prof. Kinsey replied that in small schools persons holding the M.F.A. sometimes teach art history.

Dr. Michel wondered if the School of Architecture, which has an art history component, interacts with the department.

Prof. Kremer replied that some architecture students take studio courses, but not many do art history in the department.

Dr. Loux acknowledged that the art history people in the School of Architecture and the department should talk more. At one time, the department faculty included an architectural historian.

Dr. Hatch inquired about the issue of teaching non-western as well as western art history.

Prof. Kremer replied that the department's regular chairperson, Prof. Rosenberg, felt that teaching outside the western tradition would stretch present faculty and resources too far. Ideally, the department should have a history component for each area of art in which it works.

Dr. Loux noted that western art history is not sufficiently staffed at this point to build needed bridges to the various studio areas. What the department needs most is a classical historian. After that, the priorities would be someone in northern Renaissance and then a historian of design or photography. There are also needs in studio which might have to be given priority over any of those in art history.

Prof. Kremer pointed out that the department serves a large number of undergraduate non-majors, partly due to the fine arts requirement. Given limited resources, he wondered what kind of posture the department should adopt in regard to its service function.

Prof. Kinsey noted that the department might teach more undergraduate courses if more money were available for graduate student teaching assistants.

Dr. Hatch called for a motion regarding continuation of the department's graduate program.

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Dr. Kantor noted that in many departmental reviews the council has voted for continuation of a program with reservations, thus indicating the need for improvement in one or more areas. But in what record do these reservations recommending improvement appear?

Dr. Hatch said they appear in Graduate Council minutes reporting the council's discussion of a particular review. They are also on record in a brief document summarizing the main points in a conversation among the provost, the vice president for Graduate Studies and Research, the dean of the college and the chairperson of the department being reviewed. This conversation takes place at the end of the review process, after the Graduate Council has discussed the review. The document is prepared by the Graduate School for the participants in the conversation, and is designed to serve as an informal set of guidelines for any changes requiring action or resources above the departmental level.

Dr. Michel noted that in the College of Engineering the goal is to create top departments across the board. Is there a Department of Art, Art History and Design game plan for reaching this level?

Prof. Kremer said the department does not now merit approval without reservations, but a few more resources creatively spent could make a big difference.

Dr. Loux said the reviewers did not address it in their reports, but there is a game plan: The art history group is talking about the possibility of a Ph.D. program. There are pressing needs in studio and design. There is a need for an endowed visiting artist program.

Dr. Michel said the basic question is, are we using present resources in the most effective way? For example, is there adequate cooperation between the department and the School of Architecture? On the matter of Graduate Council evaluation of graduate programs, perhaps we need tougher standards. Unqualified approval should be rare. Approval with reservations should be more difficult.

Dr. Hatch pointed out that under the present rating system the next option available to the council would be conditional continuation of a graduate program, which is tantamount to a failing grade.

Dr. Buttigieg suggested that the council vote for continuation of the department's graduate program with reservations, and then resolve to discuss the whole system of evaluation at a future meeting.

Dr. Powell pointed out that the option of voting for continuation of a graduate program with reservations is a broad category which simply indicates qualified approval. It can

be useful in cases where there are only one or two reservations and in those where there are several.

Mr. Miller suggested that the council use all the reviews as opportunities for evaluating the adequacy of library resources. Perhaps there could be a standard document/instrument for this purpose.

The sense of the council was that the department's graduate program be continued with reservations (i.e. that areas noted as needing improvement be addressed).

Dr. Hatch noted that the first meeting of the new Graduate Studies and Research Advisory Council will be November 15 and 16. He then called on Dr. Chau T.M. Le, associate dean of the Graduate School, for remarks on a new venture in which Notre Dame is involved — the Midwest Catholic Graduate Schools Consortium.

Dr. Le said the consortium presently consists of Loyola of Chicago, Marquette, Notre Dame and St. Louis. Its purpose is to make resources at all of the member schools more easily available to graduate students at any one. Notre Dame's participation entails prior approval of any student wishing to come here. The consortium currently has two additional projects:

1. The members will exchange names of applicants who wish to be considered for admission at all four schools.
2. Beginning in the fall semester of 1991, a student may take a course at one of the member schools as part of the tuition paid at his or her home institution.

Dr. Hatch noted that Notre Dame did not initiate the consortium and might well benefit more than the other member institutions.

The meeting adjourned at 5:40 p.m.

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Faculty Senate Journal September 13, 1990

Prof. Paul Conway, chair, called the first meeting of the academic year 1990-91 to order at 7:30 p.m. in Room 202 of the Center for Continuing Education, and asked Prof. F. Ellen Weaver, vice chair, to offer the prayer. After introductions of the new and returning senators, he passed out the Faculty Senate roster for correction before printing. The journals for April 10 and May 1 were circulated for comment and correction. Prof. Leo Despres moved and Weaver seconded that both be accepted as amended and the senate concurred.

Report from the Chair

Conway reported first on the status of several 1989-90 resolutions:

1. Cashability and transferability of TIAA/CREF is now in the hands of a sub-subcommittee Budget Priorities Committee.
2. On parental leave, "the primary care-giver policy," a subcommittee of the Academic Council is now working on two alternative versions and will take up the issue at its first meeting. The senate's Administration Committee will monitor progress.
3. The senate resolution on the openness of the tenure process has been sent to Provost Timothy O'Meara for inclusion on the agenda of the Academic Council's first meeting.
4. The resolution urging lectures, symposia, etc., during The Year of Women on the issue of the ordination of women has also been sent to the provost, who will forward it to other interested agencies.
5. Reverend E. William Beauchamp, C.S.C., chair of the Faculty Board in Control of Athletics, will meet with the senate's Student Affairs subcommittee which has been working on the question of academics vs. athletics.

On other matters, the Board of Trustees will meet on campus in early October and the senate will be well represented in the meeting of the Academic and Faculty Affairs Committee, with at least five senate members present for that session. The president, Edward A. Malloy, C.S.C., will give his annual faculty address on October 3, and following custom will be present at the senate's meeting that evening to answer questions and discuss issues with the members. Future meetings of the senate will hear the director of Human

Resources, Roger Mullins (November), the director of Libraries, Robert Miller (December) and Provost O'Meara (January).

The chair then reported on the senate Executive Committee's meeting on June 5 with the president and the provost. The topic was the role of the faculty in governance, based on the senate's extensive work on this subject in the 1989-90 academic year and its recommendation of a study group of some kind for the issue. In summary, despite this moderate recommendation and the united stance of both the 1989-90 and 1990-91 Executive Committees present, the provost and the president would agree only to have the topic brought before the Academic Council; neither saw any mandate from the faculty or the senate survey for any further move. Conway and the Executive Committees believed that going to the council would achieve nothing, and that, based on what the provost said, we should proceed with the formation of a committee independent of the senate, the council and the administration.

Others present at that meeting supported Conway's essential points. Weaver said both Malloy and O'Meara were clear in not accepting any compromise position. Borelli reminded the senate that whatever is done on the governance issue has to come from the senate and we cannot expect any support from the administration. Prof. Ronald Wasowski, C.S.C., asked who suggested in the meeting that the senate take the initiative in forming a committee to study governance? Conway replied that the idea was initially contained in the provost's response to the senate, dated March 23, 1990, in which he pushed for the Academic Council to take up the issue, but said failing that, the senate should feel to do it alone. Prof. William Tageson, co-secretary, reported his impression that the president as well as the provost feared any such committee would necessarily engender some very radical suggestions about the foundations of the University; it was a foundational issue to them and they appeared fearful of any independent committee authorized to look at it. Dr. Sandra Harmatiuk sensed that they did not understand the idea that, even if no problems existed objectively, the faculty perceived some; those perceptions must be dealt with. A summary of the preceding year's effort was given by Prof. John Yoder to give some background to what was a very moderate suggestion for a committee to study the subject, somewhat encouraged by public statements from members of the administration that now might be the time to take up the issue. Prof. Morton Fuchs asked how such a committee's findings might be passed on the administration. Conway responded that the committee will report to the senate which will exercise its right of agenda for the Academic Council; the senate would discuss it, perhaps endorse, but not "nitpick" it (in Borelli's terms).

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Standing Committee Reports

1. Academic Affairs

Yoder, chair, brought up the question of library/curriculum correlation which has to be dealt with after last year's study. Also, the committee will have to watch the implementation of several items endorsed last year, such as the openness of the tenure process. Despres mentioned that the Faculty Committee on University Libraries might be one way to improve correlation with curriculum changes, and should be contacted.

2. Administration

Prof. Panos Antsaklis reported for the chair, Prof. Frank Connolly who was excused, that the committee will meet after the meeting.

3. Benefits

Prof. Frank Bonello, chair, reviewed a number of senate resolutions, on parental leave and on changes in TIAA/CREF; both proposals remain in the committee processes of the Budget Priorities Committee. On hospitalization issues for 1991, we can expect increases from Blue Cross/Blue Shield. The committee's compensation report is nearing completion. The committee for single faculty is to meet. Fuchs asked about a dental plan being instituted; Bonello did not think it was a possibility.

4. Student Affairs

Chair, Sandra Harmatiuk, said the issue of academics vs. athletics would remain on its agenda, and is pleased that Fr. Beauchamp has agreed to meet with them.

Old Business

The secretary, Peter Lombardo, reported on the faculty alcohol assistance program. The University must have a written and comprehensive policy to help faculty with substance abuse problems, and the senate has been asked by the president to make recommendations. Several people from counselling and human resources have volunteered to serve on the committee and several senators are needed to continue the work. Suggestions for procedures and help are encouraged. Prof. Robert Hayes provided historical background and asked if the current committee saw as its mandate to recommend something to the senate, and then to the administration. Lombardo responded yes.

New Business

The Executive Committee proposed the formation of a University Committee on Governance. Yoder spoke for the committee to explain its purpose. Using the summary dated September 6, 1990, he reminded the senate of its past year's work and the attitude of the administration as expressed in our June 5 meeting, and thought that the chances of such a committee's work being accepted in toto by the Academic Council were not good. Perhaps we should proceed by incremental steps, almost piece by piece, with only very modest changes; these may stand a better chance of success than a large package. But the proposed committee would have to decide which way to proceed. Prof. Joseph Blenkinsopp thought one good result, one goal of the committee, should be informational, to raise the level of awareness of the faculty about current procedures here, what our peer institutions do, what various outside groups like AAUP and North Central Accreditation have said, etc.; our recommendations then would have more weight with the faculty if everyone knows and appreciates the background.

Despres was ambivalent about the senate forming such a committee. Who would serve on it once everyone knows of the administration's "stonewalling?" Should not the senate, while the committee is working, at the same time go back to the original mandate and study unionization too? Conway said the senate had last spring solicited volunteers for such a committee and had gotten a large number who wanted to work on such an independent committee and virtually all were non-senators. Borelli supported Despres' two-track idea.

Borelli then moved to direct the Executive Committee to:

- a. announce its intention to create a committee to study faculty governance, either by the newspaper or letter to all faculty;
- b. solicit volunteers to serve on it;
- c. send a detailed cover letter to the faculty containing the mandate of the committee and its method of operation.
- d. these points are contained in the September 6 statement of the Executive Committee and it should be endorsed.

Prof. Peter Moody asked that the motion include some historical summary of the issue that would be given to all faculty, and Borelli agreed. Despres seconded the motion by Borelli. Tageson called the question. There being an objection, the discussion proceeded.

Wasowski suggested a number of friendly amendments to the September 6 statement. In discussion the senate modified a couple of these, and Borelli accepted them. Profs. Margaret Porter, Fuchs and Moody discussed these changes and urged the acceptance of the motion. The senate proceeded to vote and passed the motion unanimously. It is printed as Appendix A of this journal.

Documentation

Despres then moved, and Borelli seconded, to direct the Executive Committee to examine the question of faculty unionization. In the discussion which followed, Bonello pointed out that the faculty would never support such a move. Besides, this is not the time to do such a thing; see what the committee does, how its report is received, and then if necessary look into unionization. Despres thought Bonello was correct on his first point, but incorrect on his second: The unionization move would only enhance the work of the governance committee; it was purely informational. Borelli, who is personally against unionization, thought an informational or theoretical study of unionization would be appropriate; the Executive Committee had been mandated to do this, but so far had not tackled the issue. Conway as chair wondered about the propriety of discussing and voting on such an important issue at so late an hour after so long a meeting. He asked for a motion to table, which Weaver so moved with Blenkinsopp as second. The senate concurred.

The senate adjourned at 9:15 to its various committee meetings.

Respectfully submitted:

Peter J. Lombardo
Secretary

Present:

Antsaklis, Bartlett, Blenkinsopp, Bonello, Borelli, Chang, Conway, Costigan, Despres, Fuchs, Harmatiuk, Hayes, Hemphill, Jerez-Farran, Jordan, Leighton, Lombardo, MacKenzie, Moody, Nichols, O'Connor, Porter, Sporleder, Sterling, Tageson, Vecchio, Wasowski, Weaver, Yoder, Christine Labaree (student government representative)

Absent:

Bandyopadhyay, Bentley, Bunker, Esch, Falkenburg, Herro, C.L. Johnson, P. Johnson, Lapsley, Martin, McCarthy, Miller, Parnell, Pillay, Power, Scully

Excused:

Bender, Connolly, Delaney, Fallon, Pilkinton, J. Powers, Pratt, Sheehan

APPENDIX A

September 6, 1990

TO: All Members of the Faculty Senate
FROM: Executive Committee
SUBJECT: University Committee on Governance

On June 5, 1990, the Executive Committee met with President Malloy and Provost O'Meara to discuss what actions should be taken in response to the results of the Faculty Senate's survey on the role of the faculty in university governance. I think it is fair to state that Fr. Malloy did not see any mandate for any action such as the formation of a Task Force or a UCOG as the result of the survey. In essence, he would expect any survey asking the faculty if they felt they should have a greater role in University governance to turn out the way it did regardless of the size of the faculty responding.

If we wished to further pursue the matter of a UCOG, one suggestion was for the Faculty Senate to take the initiative in forming a UCOG and to ultimately bring a report from such a committee to the Academic Council. The Executive Committee feels that this was the only feasible action emerging from our June 5 meeting. Accordingly, the Executive Committee has decided to ask the Faculty Senate to endorse a plan of action re a UCOG which it feels was mandated by the Faculty Senate survey. In reaching this decision, the Executive Committee was also strongly influenced by the response it received from the faculty when we asked for faculty members to volunteer to stand for election to a potential UCOG or to suggest names of fellow faculty members who would be good candidates for the committee.

Enclosed is a copy of the Executive Committee's proposal for establishing a UCOG. The senate would merely serve as a Nominating Committee for the selection and election of the members of the UCOG. The committee would be completely independent of the senate. It would report its findings and recommendations to the senate so the senate could use its "right of agenda" to bring the report to the Academic Council. If it wished, the senate could comment on the report and attach its comments/suggestions as an addenda to the committee's report. We should also add that the senate's role in the formation of a UCOG would not be unique. Traditionally, the senate acts in a similar capacity in conducting a number of elections including the selection and election of the faculty representatives to the Academic and Faculty Affairs Committee of the Board of Trustees.

We want to be able to take the necessary actions for establishing this committee as soon as possible after the first senate meeting which is September 13, so we are sending this proposal to you now for your comments. Please take the time to review the Executive Committee's proposal and forward any suggestions/comments to the Faculty Senate Office in Decio. If you need any clarification of the proposal please contact any member of the Executive Committee.

Documentation

Faculty Committee on University Governance

In response to a faculty survey conducted during the fall of 1989 by the Faculty Senate's Ad Hoc Committee on University Governance, the Faculty Senate will establish as a special committee, the University Committee on Governance (UCOG). UCOG will consist of 18 faculty members, elected by the faculty in a special election conducted by the Faculty Senate. To obtain proportional representation for all parts of the faculty community, the 18 faculty members of UCOG shall include seven members from the College of Arts and Letters, three from the College of Science, two from the College of Engineering, two from the College of Business Administration, one from the Law School, one from the Library, and two from the Special Professional Faculty. The election will be held early in the fall semester of the 1990-91 academic year. The ballot will consist of faculty members, including faculty who serve in administrative capacities, who have expressed an interest in examining the issue of university governance and who have agreed to serve on UCOG. At its first meeting UCOG will select its own chair and create subcommittees as it deems appropriate. Expenses incurred by UCOG will be underwritten by the Faculty Senate.

The charge to UCOG is to examine the current structure of university governance and to make recommendations for change that will enhance the governance of the University

through increased faculty participation. In its efforts UCOG will seek to address the deficiencies in university governance identified in the 1974 and 1984 North Central Accreditation Visitation Review Reports on the University; to examine the inconsistencies between current University governance and the AAUP statement on university governance; to consider governance as practiced at peer institutions within the context of the special character of the university; and to address the concerns raised by the faculty survey conducted during the fall of 1989 by the Faculty Senate's Ad Hoc Committee. Although UCOG will be free to set its own agenda, the following items are suggested for evaluation: (i) the composition and roles of the Academic Council, the Graduate Council and the College Councils; (ii) mechanisms for greater faculty involvement in such matters as academic concerns, benefits, salary, classroom facilities, athletics, grievance procedures and faculty discipline; and (iii) participation of elected faculty representatives at different stages in tenure and promotion decisions. While no time limit is imposed for the completion of UCOG's activities, it is hoped that it will complete its efforts by the end of the 1990-91 academic year.

Having completed its examination, UCOG will submit a written report to the Faculty Senate, which will then, exercising its right of agenda, forward the report to the Academic Council for consideration.

University Libraries' Hours for Christmas Holiday December 22, 1990 - January 2, 1991

Date	Hesburgh Library		Engineering and Life Sciences Libraries
	Building	Public Services	
Saturday, December 22	9 a.m.-Midnight	10 a.m.-4 p.m.*	closed
Sunday, December 23	1 p.m.-Midnight	closed	closed
Monday, December 24	closed	closed	closed
Tuesday, December 25	closed	closed	closed
Wednesday, December 26	9 a.m.-Midnight	closed	closed
Thursday, December 27	9 a.m.-Midnight	10 a.m.-4 p.m.	10 a.m.-4 p.m.
Friday, December 28	9 a.m.-Midnight	10 a.m.-4 p.m.	10 a.m.-4 p.m.
Saturday, December 29	9 a.m.-Midnight	10 a.m.-4 p.m.*	closed
Sunday, December 30	1 p.m.-Midnight	closed	closed
Monday, December 31	closed	closed	closed
Tuesday, January 1, 1991	closed	closed	closed
Wednesday, January 2	Libraries return to intersession schedule.		

* Reference
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Current Periodicals Center/Microtext

The Graduate School

Current Publications and Other Scholarly Works

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

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