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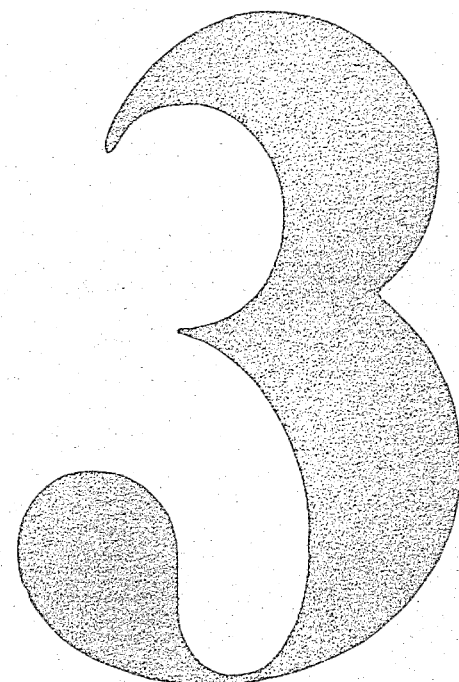
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the university

Official announcements

Rev. James Riehle, C.S.C., dean of students, has asked for the cooperation of the University community in limiting the number of vehicles on the campus. While there will be no new limitations for those with faculty or staff permits, controls on other groups, such as students, teaching assistants and visitors, are going to be applied more stringently. The campus is simply not capable of handling increased vehicular traffic and the intent is to keep the University basically a haven for pedestrians. There is one change in parking regulations: The unassigned parking slots on the south side of the drive directly behind the Administration Building and Sacred Heart Church will carry 30-minute limitations and will be used by Administration Building visitors.

Rev. Theodore M. Hesburgh, C.S.C., President, will address the entire faculty Wednesday, October 20 at 4:30 p.m. in Washington Hall. All are asked to make every effort to be present. St. Mary's faculty members are also invited to attend this meeting.

Dr. Richard J. Thompson, assistant dean of the General Program of Liberal Studies and chairman of the University Committee on Teacher-Course Evaluation, has written a memo to all teaching faculty of Notre Dame and Saint Mary's asking for their cooperation in revising the Teacher-Course Evaluation form. The memo and form can be found in the Documentation section of the Report.

Grievance Committee

During the recent spring semester, the executive committees of the Notre Dame and Saint Mary's chapters of the American Association of University Professors recommended the creation of a grievance committee which might serve during the period of unification of the two institutions. The purpose of the committee will be to provide consultation and advice to the Notre Dame and Saint Mary's administrations should any faculty member raise questions of procedure or equity during the events of unification.

With the approval of the President of the University and the President of the College, Rev. James

T. Burtchaeff, C.S.C., provost, has asked the following faculty members to serve during the present year on such a committee and they have accepted:

Dr. George Bick, Professor of Biology, Saint Mary's
Dr. Robert Burns, Associate Professor of History, Notre Dame
Miss Sylvia Dworski, Professor of Modern Languages, Saint Mary's
Dr. John Fitzgerald, Professor of Philosophy, Notre Dame
Sister Maria Concepta McDermott, C.S.C., Associate Professor of Education, Saint Mary's
Dr. John Mihelich, Professor of Physics, Notre Dame
Dr. Joseph Tihen, Professor of Biology, Notre Dame
Mr. Louis Tondreau, Assistant Professor of Political Science, Saint Mary's

Dean's Committee on Collegiate Development

The Dean's Committee of the College of Arts and Letters has named chairmen for its major subcommittees. These subcommittees are intended to be the centers for inquiry and discussion with faculty and other members of the University community on their respective areas of concern. The subcommittees and their chairmen are as follows:

- 1) On the Development of the "Notre Dame Idea of Liberal Education"--Professor A. Robert Caponigri
- 2) On Collegiate Structure and Curriculum--Dean Frederick J. Crosson
- 3) On the Student Role in Liberal Education--Professor Stephen D. Kertesz
- 4) On the Role of the Fine and Performing Arts in Liberal Education--Professor Thomas S. Fern
- 5) On the Role of the Social Sciences in Liberal Education--Professor William T. Liu
- 6) On the Role of the Natural Sciences in Liberal Education--Professor Michael J. Crowe

Subcommittees on facilities for liberal education and intra-university collegiate relations are also expected to function during the planning year under the Dean's Committee.

Committee on Campus Beauty

Rev. James T. Burtchaell, C.S.C., provost, has announced the creation of a Committee on Campus Beauty. The purpose of the new committee will be one of suggestion and service, with committee members proposing specific improvements for problems concerning building and grounds. The suggestions for improvements will be transmitted to Bro. Kiernan Ryan, C.S.C., assistant vice president for business affairs, who will route them to the appropriate staff. Members of the Committee on Campus Beauty are:

Mr. Frederick Beckman, Professor of Art
Mr. LeClair Eells, Professor Emeritus of Finance and Business Economics
Mr. Edward Fischer, Professor of Communication Arts
Mr. Frank Montana, Chairman, Department of Architecture
Sister M. Rosaleen Dunleavy, C.S.C., Associate Professor of Biology, Saint Mary's College

Mr. John Donohue, Student
Mr. James Kee, Student
Mr. Kevin McCandless, Student

CCE rental policy

The following policy has been issued by Rev. James T. Burtchaell, C.S.C., provost, in an effort to standardize the procedure for rental of the CCE facilities by the University community.

"As of the beginning of fiscal 1971-72 the Center for Continuing Education is to make distributed charges against internal University units at the rate of 35 per cent of ordinary cost. It is understood that this rate is applicable to any and all University departments for internal activities held within facilities subject to the Center's control. Any conference or seminar program involving a department which collects fees from outsiders or receives outside funding for the event will be administered according to the Center's regular rates."

faculty notes

NOTE: Since Notre Dame Report will be incorporating the monthly "Scholarly Publication" compilation of the Office of Advanced Studies, it will avoid the redundancy of noting faculty publications in its "Faculty Notes" section. (May we remind you again that the Office of Advanced Studies is still the University's clearinghouse for all grants and publications.) Also, in the interests of space, Notre Dame Report will note in its "Faculty Notes" section attendance at academic meetings only when papers are given or there is other formal involvement in the program.

Miscellany

Dr. Cornelius P. Browne, professor of physics, was awarded a travel grant from the National Science Foundation to attend the Fourth International Conference on Atomic Masses and Fundamental Constants, held in Teddington, England, September 6-10.

Dr. Raymond C. Gutschick, professor of geology, participated in the Eighth International Sedimentological Congress, September 5-10 in Heidelberg, West Germany, where he presented a paper on his current research work. Dr. Gutschick also participated in a geological field excursion to study modern sediments

in the Baltic and North seas, September 5-10.

Bro. Anthony J. Ipsaro, S.M., assistant professor of education, addressed the Ohio Catholic Education Association Convention in Cincinnati, Ohio, September 30-October 1, on "The Future of Christian Education: A Community of Learners." Other prominent speakers included Harry Reasoner, the ABC news commentator and educators William Glasser and Sidney Simon.

Bro. Ipsaro also addressed the Committee of Religious Directors of Education (CORDE) for male communities throughout the United States at their annual meeting October 15 in St. Petersburg, Florida. The topic of his talk was "Project Aurora, A Viable Alternative to Catholic Schools."

Dr. Arthur Lawrence, Miss Susan Stevens and Ronald J. Morebello, members of the music faculty at Saint Mary's College, were guest performers for the Western Michigan University 1971-72 Concert Series September 29 in Kalamazoo, Mich. The works performed were the "Cantata No. 202" by J.S. Bach and the "Hermit Songs" by Samuel Barber.

Rev. Joseph S. McGrath, C.S.C., a veteran member of the Notre Dame chemistry department before his re-

tiement as dean of the University's summer session in August, 1970, was the honored guest of the American Institute of Chemists at their annual meeting October 2 in Chicago. Father McGrath was cited for his long career as a teacher.

The following lectures and papers were given or will be given by members of the aerospace and mechanical engineering department:

Dr. Teoman Ariman, associate professor: Invited lecturer on "Thermal and Mechanical Stresses in Nuclear Reactor Vessels" and chairman of session on "Structural Analysis of Coolant Circuit Components" at the First International Conference on Structural Mechanics in Reactor Technology in Berlin, September 20-24.

Dr. James Daschback, associate professor: Guest speaker at the Indiana Hospital Services, Inc. sponsored seminar for Indiana Directors of Nursing Personnel, September 16-17 in Indianapolis.

Dr. Victor W. Nee, associate professor: Invited lecturer on "Turbulent Diffusion in the Atmosphere Boundary Layer" at Colorado State University on October 20.

Dr. A.G. Strandhagen, professor: Invited lecturer on "Stability of Non-Linear Ships" at the Second International Conference on Vehicle Mechanics in Paris, France, September 6-9.

Papers presented or to be presented by faculty members of the electrical engineering department:

Dr. John J. Uhran, professor, (co-author Gregory Raneri): "Linear and Nonlinear Digital Filtering," an invited paper for International Telemetry Conference in Washington, D.C., September 17.

Dr. John J. Uhran, professor (co-author J. Lysaught): "ANSIR: A Language for Digital Simulation and Patching of Analog Computers," Joint Midwestern Analog Hybrid Computer Education Society and Simulation Council Conferences in Madison, Wis., October 21.

Dr. Michael K. Sain, associate professor, (co-author S. Liberty): "Performance Measure Densities for a Class of Linear Quadratic Gaussian Control Problems," Automatic Control Conference in St. Louis, Mo., August, 1971

Dr. William B. Berry, professor, (co-author L.L. Kazmerski): "Experimental Determination of the Stacking Fault Potential in Cd S Thin Films," Electrochemical Society in Cleveland, Ohio, October 7.

Dr. Ruey-wen Liu, professor: "Large Scale Dynamic Systems," Fifth Asilomar Conference on Circuits and Systems in Pacific Grove, Calif., November 8-10. Graduate students S. Liberty and J. Murdock also have a paper there based on research done at Notre Dame.

University appointments

Rev. James T. Burtchael, C.S.C., provost, has announced the following administrative appointments:

Dr. John E. Derwent: Assistant Chairman of the Department of Mathematics

Dr. Robert E. Glennen: Associate Dean of the Freshman Year of Studies

Dr. Robert E. Gordon, vice president for advanced studies, has announced the appointment of Mr. Joseph Timonhy DiPiero as sponsored programs administrator.

Rev. Jerome J. Wilson, C.S.C., vice president for business affairs, has announced that Rev. Richard P. Zang, C.S.C., will be working with Mr. William Broderick, investment officer.

Dr. Mary Alice Cannon, vice president for student affairs, Saint Mary's College, and Mary Martucci, director of counseling at Saint Mary's, have announced the appointment of Mr. Timothy J. Casey as assistant to the director of counseling.

Non-university appointments

Dr. Maurice L. Anthony, professor aerospace and mechanical engineering, has been elected to the National Board of Directors of the American Astronautical Society.

Dr. Willis E. Bartlett, chairman of the Department of Graduate Studies in Education, has been elected to the board of directors of the National Catholic Guidance Conference for a three year term.

Mr. John B. Caron, president of Caron International, New York City and a trustee of the University, and Msgr. John J. Egan, a Lewis Fellow at Notre Dame, have been elected to the board of directors and corporation of the National Catholic Reporter Publishing Company.

Mr. John Delafons, part-time lecturer in the London Law Program, has been appointed undersecretary in the British Department of Environment.

Former Dean William B. Lawless of the Law School has been appointed to the National Advisory Council of the Earl Warren Legal Training Program, an ambitious foundation-funded program for training black lawyers.

Dr. Charles E. Rice, professor of law, has been named to a second term on the Constitutional Revision Commission of the Indiana Legislative Council.

Dr. Richard Saeks, assistant professor of electrical engineering, was appointed Associate Book Reviews Editor of the IEEE Transactions News Letter on Circuit Theory.

Dr. Michael K. Sain, associate professor of electrical engineering, has been appointed organizer and chairman of an IEEE sponsored session "New Directions in Control Systems Theory and Application at

this year's Allerton Conference.

Dean Thomas L. Shaffer of the Law School has been appointed to the Committee on Defenses of Indigents of the Seventh Circuit Bar Association and also to the National Advisory Council of the Earl Warren Legal Training Program.

New faculty

BIOLOGY:

Dr. Reinhart Brust, Guest Associate Professor
Dr. John F. O'Malley, Adjunct Assistant Professor
Mr. William M. Surver Jr., Instructor

ECONOMICS:

Mr. Horace R. Carby-Samuels, Visiting Assistant Professor

ENGLISH:

Daniel J. Sullivan Jr., Instructor

FRESHMAN YEAR:

Mr. Daryl Glick, Assistant Professional Specialist
Rev. Thomas E. Seidel, C.S.C, Staff Professional Specialist

LAW SCHOOL:

Mrs. Patricia Harmer, Lecturer (London Program)

MATHEMATICS:

Dr. William L. Goodhue, Assistant Professor
Mr. William C. Hale, Visiting Assistant Professor

Dr. V. Frederick Rickey, Visiting Assistant Professor

MICROBIOLOGY:

Dr. Lois Godersky, Visiting Assistant Professor

MILITARY SCIENCE:

Lt. Col. Frank M. Kulik Jr., Professor

MODERN AND CLASSICAL LANGUAGES:

Mrs. Marie-Claire Royer, Instructor

PHYSICAL EDUCATION:

Mr. Arno O. Zoske, Instructor

PSYCHOLOGY:

Mr. Donald Walter, Instructor
Rev. Jerome Rene Wilett, Instructor

Necrology

Dr. William F. Roemer, 77, a professor of philosophy at Notre Dame for 38 years, died September 25. Dr. Roemer also served on the faculty of Saint Mary's College and Indiana University at South Bend. He had been a jury commissioner for St. Joseph County and was a member of St. Joseph's Parish where he worked with the needy and migrant workers for 25 years through the St. Vincent de Paul Society.

Dr. Zygmunt Karpinski, associate professor of Chemistry at Saint Mary's College, died September 25. He had been a member of the Saint Mary's faculty for 17 years.

events

Events telephone service

The Department of Information Services has announced the establishment of a telephone service giving information on public events at Notre Dame and Saint Mary's. "Notre Dame News Line," a daily recorded message concerning current and upcoming events of general public appeal, can be reached on (283) 2211. The full compilation of campus events will continue to be listed in the printed "Weekly Calendar" distributed on the Notre Dame and Saint Mary's campuses. Off-campus distribution of the calendar will be discontinued. Your suggestions concerning the scripting and operation of the "News Line" should be made to Jay J. Kane, assistant director of public information, Administration Building.

Campus lectures

A fourth session of "The American Scene: A Cultural Series" opened last month in Carroll Hall of Sister Madeleva Classroom Building at Saint Mary's College. A credit-earning course for students of Saint Mary's and Notre Dame, the programs are open to the public without charge. All lectures begin at 7:30 p.m. The remaining programs in the series include the following:

October 20 -- Dr. Harvey Bender, Notre Dame biology professor, "Genetics and the Future of Man"

October 21 -- Erich Heller, Northwestern University, "Literature and Social Responsibility"

November 3 -- Merwyn S. Garbarino, Chicago Circle of University of Illinois, "American Indians--Traditional and Contemporary"

December 8 -- Gary MacEoin, Fordham University, "A Bishop's Synod in Rome in 1971? 1967?"

Five speakers to appear on the 1971-72 Cardinal O'Hara Memorial Lecture Series have been announced by Dr. Herbert E. Sim, professor of finance and business economics in the College of Business Administration. They include:

November 3 -- Alan K. Campbell, dean of the Maxwell School of Citizenship and Public Affairs, Syracuse University

December 1 -- Emil Mazey, secretary-treasurer of the United Auto Workers, Detroit

February 7 (Tentative) -- Jacques Maisonrouge, president of IBM World Trade Corporation, New York, N.Y.

March 13 -- Dr. Warren L. Smith, professor of economics, University of Michigan

April 19 -- W.L. Campfield, associate director of division of finance and general management studies, U.S. General Accounting Office, Washington, D.C.

Athletic and Convocation Center

The University of Notre Dame Ice Rink has been reserved on Tuesdays and Thursdays for faculty and staff hockey. The Ladies of Notre Dame and families of faculty members and staff will be allowed to skate every Monday, Wednesday and Friday from 12-1 p.m. During vacation periods for Notre Dame students, the rink will also be available from 10-11

a.m. for the Ladies of Notre Dame and faculty and staff skating along with their families. There will be no charge for skating at these times, however, skates will have to be rented if not owned.

CCE seminar

A four-day seminar on "Christian Commitment and the Social Revolution" will be held October 24-28 in the Center for Continuing Education under the sponsorship of the Interfaith Council on Urban Ministry (formerly the Catholic Committee on Urban Ministry). Morning sessions will feature major addresses on the topic, "Tools for Liberation," while a "mini-course in community organization" will be conducted afternoons and case studies in "The Parish as a Base of Power" evenings. Faculty members are welcome. Complete programs are available from Msgr. John J. Egan's office in the Rockne Memorial.

WSND

WSND-FM (88.9 on your dial) is now broadcasting at greater power and is within reach of many faculty and staff homes in the South Bend area. Programming guides are available from the FM offices in O'Shaughnessy Hall.

ND-SMC Theatre

"The Dutchess of Malfi," a Renaissance tragedy by John Webster, will be performed by the Notre Dame-St. Mary's Theatre October 15, 16, 21, 22 and 23 at 8:30 p.m. in O'Laughlin Auditorium on the St. Mary's campus. Tickets for faculty, staff and students are \$1.50. Reservations can be made by phoning 284-4141.

Office of Advanced Studies

Graduate School

Graduate School Day

A number of colleges and universities sponsor each year what is often called a "Graduate School Day". Representatives from various graduate schools are invited to participate. As the individual departments recruit in various fashions, the Graduate School invites department representatives to attend these Graduate School Days whenever it is feasible. Here are some of them:

St. John Fisher College: Fairport Road, Rochester, New York 14618
Friday, October 15
Elmhurst College: Elmhurst, Illinois 60126
Any day between Monday, December 6 and Friday, December 10
University of Maryland, College Park, Maryland 20742
Monday, October 11

Further information may be obtained from the Graduate School.

Information Circulars

Executive Office of the President: Office of Science and Technology Presidential Internships in Science and Engineering

NO. FY72-15

A new program of Presidential Internships in Science and Engineering has been announced by the White House. The three million dollar program will be funded by the Technology Mobilization and Reemployment Program in the Department of Labor. The new program is an out growth of discussions between the Office of Science and Technology and the Department of Labor concerning ways in which scientists and engineers could broaden their work experience and thereby facilitate their transition to future jobs needed in our society.

The one-year internships are expected to open more than 400 training opportunities in federally-funded laboratories across the country. Recipients will be matched to tasks where high degrees of specialization can provide innovation and new insights in meeting pressing national problems.

The fields in which the internships would have the greatest impact are those of current social concern. These include pollution, trash disposal, management and integration of large projects, and the nuclear field in areas as diverse as new power systems or criminal and medical laboratories where nuclear techniques are making major contributions.

Under this new program candidates may apply directly to federally-financed laboratories for one-year, non-renewable internships which will be administered by the National Science Foundation. Veterans and those from high unemployment areas will receive preference.

The laboratories will be allotted \$7,000 for each intern and must match that amount with either cash or research support.

Further information on the program may be obtained from the Division of Graduate Education, National Science Foundation, Washington, D.C. 20550.

National Science Foundation: Undergraduate Research Participation Program (URP) and Undergraduate Instructional Scientific Equipment Program (UISE)

NO. FY72-16

Earlier this year the URP program was suspended by the National Science Foundation for budgetary reasons. The equipment program was suspended last year.

The Foundation has announced that these two programs are being reactivated and is inviting proposals for them.

The URP program is designed to provide a sophisticated scientific apprenticeship with practical experience in research. The UISE program is designed to significantly improve science courses at the undergraduate level by providing funds to purchase needed instructional equipment.

The due date for submission of proposals for URP will be late fall, with awards to be announced about March 1, 1972. The due date for the UISE program is January 31, 1972, with awards to be announced about June 15, 1972.

Guidelines for preparation of proposals for these programs will soon be available in the Office of Advanced Studies-Division of Research and Sponsored Programs.

National Institutes of Health: National Institute of Environmental Health Sciences Research Program

NO. FY72-17

The program for environmental health studies under the National Institute of Environmental Health Sciences, National Institutes of Health is primarily concerned with the effects of noxious or potentially noxious environmental agents on biological systems as they relate to man's health.

The Institute has announced specific research interests which include epidemiology of environmental hazards, studies of the mode of entry of environmental agents and investigations of short and long term biochemical, morphological and functional effects of chemical, biological and physical factors in the environment.

Standard Public Health Service application kits PHS-398 and PHS-2499-1 should be used in applying for research grants and training grants, respectively. The applications should be addressed to the Division of Research, NIH, Bethesda, Maryland 20014.

Application kits are available in the Office of Advanced Studies-Division of Research and Sponsored Programs.

National Endowment for the Humanities: Fellowships and Summer Stipends

NO. FY72-18

The National Endowment for the Humanities has announced its Fellowships program for 1972-73 and its Summer Stipend program for the summer of 1972.

Fellowships are particularly intended for teachers in four-year colleges and universities, and summer stipends for teachers in two-year as well as four-year colleges. Preference will be given to persons who are at a relatively early point in their professional development.

The work undertaken with a fellowship or stipend may be study or research within the applicant's special field of interest, or in some other field that will enable the applicant to understand his field better, to extend his competence, and to become a more broadly informed humanist. The Endowment is particularly interested in studies that will contribute to better understanding of matters of current national concern, but more traditional studies are eligible for support as well.

The scope of support includes, but is not limited to, the following: Language, both modern and classical; linguistics; literature; history; jurisprudence; philosophy; archaeology; the study of history, criticism, theory, and practice of the arts; those aspects of the social sciences which have humanistic content and employ humanistic methods; ethics and comparative religion; and the study and application of the humanities to the human environment with particular attention to the relevance of the humanities to the current conditions of national life.

Fellowship applicants may apply directly to the Endowment. Summer Stipend applicants must be nominated by their institution.

Applications for both programs are due October 25, 1971. Awards will be announced in March, 1972.

Application forms are available in the Office of Advanced Studies-Division of Research and Sponsored Programs.

National Science Foundation: Graduate Fellowships

NO. FY72-19

The National Science Foundation has reopened competition for 600 Graduate Fellowships it will offer in the spring.

The Graduate Fellowships, available to citizens or nationals of the United States, are awarded for full-time study leading to the master's or doctor's degree in science, including the social sciences, mathematics, or engineering.

As part of a restructuring of its Graduate Fellowship program, NSF has increased stipends to \$3,600 for a 12-month tenure, or \$300 per month, regardless of year of study. No dependency allowances will be paid.

In another change, fellowship awards to be made in March 1972 will be for a period of three years, dependent on the student's satisfactory progress and availability of NSF funds. Awards will be made only to students who have completed one-year or less of graduate studies. Awards are not made in clinical, educational, or business fields; in history or social work, or in studies toward medical, dental, law, or joint Ph.D.-professional degrees.

PROGRAM INFORMATION:

Graduate Fellowships

Announcement and Application Forms.....now available
Application Deadline.....November 29, 1971
Award Date.....March 15, 1972

For copies of the announcement and application materials for Graduate Fellowships contact the Graduate School, Room 316 Administration Building.

documentation

Wage Freeze

October 1, 1971

To Administrators, Faculty and Professional Staff:

Subsequent to publication of the Presidential Order freezing wages and prices, we have carefully studied all directives issued by the Cost of Living Council. In addition, advice has been received from the American Council on Education, the Association of American Colleges, the Department of Health, Education and Welfare, and the American Association of University Professors. It has been our earnest endeavor to identify all possible exceptions to the wage freeze, and to this end we have postponed final decisions until the last possible moment before the time of the first monthly salary payments. We finally obtained the opinion of our General Counsel, and identified the categories of faculty and staff whom we consider to be exempt. I then asked Dr. Thomas R. Swartz, chairman of the Faculty Senate, to recommend a representative committee that might consult with me on the judgments we had made. The faculty committee consulted included:

Dr. Thomas R. Swartz	Faculty Senate, Arts and Letter
Dr. Ernest L. Eliel	A.A.U.P., Science
Dr. Edward R. Trubac	A.A.U.P., Business Administration
Dr. Joseph Tihen	Faculty Senate, Science
Dr. Kenneth R. Lauer	Engineering
Dr. Raymond P. Kent	Business Administration
Dr. Charles W. Murdock	Law

Lastly, we checked our lists with departmental chairmen to assure that no eligible person would be denied an exemption. On September 27 we directed the comptroller to modify the payroll schedule accordingly.

Our best understanding of the wage freeze, as interpreted by the Cost of Living Council, is that the following administrators, faculty and professional staff are exempt:

1. Those who have been promoted in rank.
2. Administrators whose administrative appointment is discontinued and who revert to faculty status.
3. Those who have received significantly increased responsibilities, for which a special salary increase has customarily been granted.
4. Incoming faculty and administrators.
5. Those whose appointments and contracts are dated June 1 or July 1, instead of September 1.
6. Faculty who have been given an administrative appointment.
7. Administrators who have been promoted.
8. Faculty who have this year completed a degree, for which a special salary increase has customarily been granted.

The Accounting Office has been instructed to maintain an accurate list of salary losses incurred by every member of the faculty and professional staff. We shall make every lawful effort to find a way to restore the equivalent sum to them when this becomes legitimately possible.

Consulting Policy

The University of Notre Dame recognizes that faculty members are on occasion called upon to provide consulting and other professional activities by outside agencies and industries. Such activities are normally looked on with favor where they: (1) contribute to the professional development of a faculty member, or (2) contribute an expertise to a problem of a society or industry that is not commonly available, or (3) provide some carry-over into the instructional program of the professor involved.

Activities covered under this policy include all types of endeavor for which the faculty member is compensated over and above his normal compensation from the University.

For full-time members, outside consulting or professional work is limited to the equivalent of one day per calendar week. Time spent on such outside activities must be in addition to, rather than a part of, the normal full-time effort expected of members of the faculty for University work. Outside work must in no way interfere with University duties. If there is any possibility of interference with professional obligations, consideration should be given to less than a full-time status with the University.

Possible conflict of interest situations should be avoided. Normally teaching in a program other than that of the University of Notre Dame will not be approved. Research that would normally be done under the University auspices should not be performed by private individual contract.

A faculty member desiring to do outside work should receive approval from the dean of his College prior to any agreement to perform such work, if of a recurring nature. Permission should be requested via the form, "Memorandum for Proposed Consulting," submitted to the dean through the department chairman. Permission for such outside work is automatically considered to be terminated at the end of each University contract period. Thus, a professor on academic year appointment should request renewal each September 1st for any continuing arrangement. Faculty members on summer appointment should comply with the above policy during the period of the summer contract. Approval for individual, nonrecurring endeavors is to be obtained from one's department chairman.

James T. Burtchaeil, C.S.C.
James T. Burtchaeil, C.S.C.
Provost

Patent Policy

I. POLICY

1. This patent policy is designed to serve the public interest by making the patent laws of the United States effective within the University while, at the same time, serving academic freedom by encouraging the uninhibited dissemination of new knowledge. It also enables the University to comply with the patent provisions of the grants and contracts through which public and private sponsors provide funds for much of the research of members of the faculty, the professional staff and graduate students. Because some of the research at this University inevitably leads to patentable inventions, the University is prepared to recognize the rights and interests of its inventors obtainable through patents and, whenever possible, to insure that they participate in the financial rewards resulting from them.
2. By fostering the creativity of its academic and professional staff through participation in sponsored research and scholarship, the University assumes a special responsibility to assist sponsoring private and public agencies in dispensing of the latent property interests in inventions arising out of research supported by their funds. The scope of this University responsibility is, in each case, usually specified in a grant or contract document.
3. Prior to participation in university research, all faculty members, professional staff members, staff employees and students are required to sign an agreement to assign to the University their rights to any invention that might result from this participation.
4. A Committee on Patents appointed by the President of the University advises him in all patent matters arising out of the application of this patent policy and recommends to him the disposition of rights in those inventions referred to the Committee in accordance with this patent policy.

5. Any rights in an invention conceived and reduced to practice by an academic or professional staff member of the University not involving the use of University facilities and outside the scope of his employment belongs to the inventor. The inventor may choose to refer the invention to the University Committee on Patents for a determination of its patentability. If the committee so recommends, the University may refer the invention to its patent counsel for filing an application at University expense. Should a patent issue, net income resulting from its exploitation is shared equally by the inventor and the University. The net income to be shared is the amount remaining after the University is reimbursed from the gross income for its expenses in prosecuting the patent application. If the committee decides against an application for a patent because of questionable patentability or unpromising merchantability of the invention, the inventor is notified promptly in writing and all rights to the invention remain finally and irrevocably with him.

6. When an invention is conceived or reduced to practice in the course of a faculty or staff member's University employment or with the use of University facilities, it must be disclosed to the University Committee on Patents for disposition. If the research leading to the invention is supported by a private or public sponsor, the Committee on Patents disposes of it under the terms relating to inventions and patents contained in the pertinent grant or contract. In such cases, the committee takes whatever action is available and appropriate to secure recognition by the sponsor of the inventor's interest in his invention. If income accrues to the University as a result of transfer of limited or total patent rights under the terms of a grant or contract, 15 per cent of such net income is paid to the inventor.

7. Net income accruing from royalties from inventions not subject to grant or contract provisions is divided 25 per cent to the inventor and 75 per cent to the University. To insure its effective exploitation, such a patented invention may be turned over to a commercial organization specializing in the marketing of inventions under terms mutually agreeable to the inventor and the University. A dispute between an inventor and the University involving the terms of a proposed or negotiated marketing agreement is resolved by the decision of the majority of an arbitration panel made up of a member named by the inventor, a member named for the University by the President, and a chairman selected by mutual agreement of these two nominees.

8. All faculty members, professional staff members, staff employees and students are required to establish and maintain legally sufficient documentation in support of their inventions. The primary evidence needed to establish the time of conception of the invention and the legally sufficient diligence in reducing it to practice is an office or laboratory notebook, preferably permanently bound, recording significant milestones in carrying the invention from conception to practice. Especially important is a record of the earliest verifiable date of conception witnessed by a knowledgeable friend or professional colleague. Subsequent witnessed information either in notebooks or independent documents should record significant experimental results, verified process formulas and significant indices of progress toward reduction to practice.

9. Inventors should disclose inventions resulting from University support when, in their judgment, they have been sufficiently developed to give reasonable assurance that they can be reduced to practice. Disclosure of inventions resulting from sponsored research is governed by the provisions of the applicable grant or contract.

10. The rationale for this policy and a detailed description of procedures are published in the Manual of Policies and Procedures for Research and Sponsored Programs.

II RATIONALE

1. University responsibility for inventions and patents arises directly out of Article 1, Section 8, of the Constitution of the United States which provides that "The Congress shall have power to promote the progress of Science and useful Arts, by securing for limited times to authors and inventors the exclusive right to their respective writings and discoveries."

2. The University serves the public interest reflected in the constitutional provision and the laws on patents by encouraging the disclosure of inventions which might contribute to economic and social welfare through exploitation of the property right created by the issuance of patents.

3. The 15 per cent of net income referred to in paragraph 6 of the policy has become a standard provision in the policies of many universities. For instance, more than one hundred colleges and universities have an arrangement with the Research Corporation, a non-profit patent management organization, whereby it prosecutes patent applications on inventions referred to it. If a patent results, the Research Corporation arranges for its com-

mercial exploitation and divides any net resulting income 15 per cent to the inventor with the balance shared equally between the institution and Research Corporation.

4. When there is no third party involved through a grant or contract arrangement, paragraph 7 of the policy increases the amount paid to the inventor to 25 per cent of net income. In such cases, income accruing to the university is likely to be substantially greater and the university is under no constraint preventing it from rewarding the inventor for this more favorable return. Also, the differential should be an incentive for inventors to report their inventions even though the obligations of third party grant or contract provisions are absent. Finally, even when the university retains title to an invention under a government contract, it must grant royalty free, non-exclusive licenses for practice of the invention by the government for government purposes. For many inventions this would reduce the expected royalty income substantially.

5. In former times, an invention was conceived of as primarily the concrete expression of an individual person's imagination. Extensive physical resources and supporting organizations were not usually involved. With the increasing complexity of basic and applied science, however, most inventions now stem from highly organized research conducted within well equipped facilities. Having created both the environment and opportunity for creative research, the University is entitled to share in any financial rewards resulting from it. Private corporations usually claim all right, title, and interest to the inventions of their employees, since invention is one of the activities for which they are hired. Therefore, industrial inventors are usually rewarded through improvement in salary and promotion. Since reward through salary improvement or promotion within a university is unfair to faculty and professional colleagues engaged in activities devoid of inventive opportunities, sharing income from inventions between the institution and the inventor is the alternative provided for in this patent policy.

III ADMINISTRATION

1. As provided for in paragraph 4 of the policy, a Committee on Patents is appointed by the President to advise him on patent policy generally and the disposition of rights in inventions referred to the Committee. This committee consists of 12 members, six ex-officio and six elected from the tenured members of the faculty. Of the latter, one is elected by the faculty of the College of Arts and Letters, one by the faculty of the College of Business Administration, two by the faculty of the College of Engineering, and two by the faculty of the College of Science. The terms of the elected members are three years, except initially when they are arranged to provide staggering of terms. The ex-officio members of this committee are the vice president for business affairs, the vice president for research and sponsored programs, the vice president for academic affairs, the dean of the College of Engineering, the dean of the College of Science and the assistant vice president for research and sponsored programs. The vice president for business affairs serves as chairman and the assistant vice president for research and sponsored programs as secretary of the committee.

2. When an invention is disclosed in accordance with this policy, it will be referred promptly to the Committee on Patents for a determination as to whether

- a) it is subject to contract or grant provisions governing its disposition;
- b) it is sufficiently documented to support a patent application;
- c) it is patentable (If necessary, the committee will seek additional expert advice in determining this.);
- d) it is sufficiently merchantable to merit the cost of patenting.

Rights to any invention disclosed to but not disposed of by action of this committee reverts immediately to the inventor for such disposition as he may choose without further claim on the invention by the university.

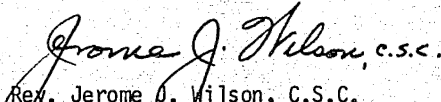
3. The agreement to assign rights in inventions should be signed by all members of the faculty and all other persons, including graduate and undergraduate students, participating in research in the University.

4. Inventors should disclose their inventions to the University when, in their judgment, they have been sufficiently developed to give reasonable assurance that they can be reduced to practice. A competent disclosure includes the following information:

- a) Name of the inventor and co-inventors, if any;
- b) Descriptive title of invention;
- c) Description of invention describing what is novel about it; what is useful about it; how it differs from inventions, if any, made by others to provide the same or comparable results;
- d) Location of notebooks and other documents, both witnessed and otherwise;
- e) Earliest verifiable date of conception and where conceived;
- f) Date and place of first sketch, drawing or photo;
- g) Date and place of first written description;
- h) Date and place of reduction to practice through demonstration of first operating model or full scale device or successful completion of process run;
- i) Location of operating or full scale device or equipment for demonstrating the process or producing the new product;
- j) Evaluation of model test, prototype performance, or pilot plant processing;
- k) Sources of support of the research associated both with the conception and with the reduction to practice of the invention, including also the name of sponsoring agency and grant or contract number, if pertinent;
- l) Recommendation for disposition of rights in the invention and estimate of its merchantability;
- m) Names of trusted colleagues or professional peers who might aid in evaluating the invention for novelty, usefulness and merchantability;
- n) Date, place and form of disclosures of the invention already made.

Inventors are reminded that no patent will be issued if applied for more than 12 months after its public use or sale in the United States. Public use or sale includes any use or sale by the inventor as well as by others. Also no patent will be issued if applied for more than 12 months after the invention has been described in a printed publication anywhere in the world. Special rules govern the time limits within which foreign patent protection may be acquired.

5. The vice president for business affairs of the University is responsible for obtaining from inventors such assignment of rights in inventions as are necessary to comply with the provisions of pertinent grants or contracts, to prosecute patent applications, or to exploit patented inventions.


Rev. Jerome J. Wilson, C.S.C.
Vice President for Business Affairs

Teacher-Course Evaluation

TO: The Teaching Faculty of the University of Notre Dame and St. Mary's College

FROM: Richard J. Thompson, Chairman, University Committee on Teacher-Course Evaluation

Last year's university-wide administration of the Teacher-Course Evaluation revealed the need for a revision of the form used, since there was some criticism of it by professors as not applicable to their type of course and there were a great many NA (Not Applicable) responses by students. This communication is an effort to enlist the cooperation of the faculty in revising the form, since the people whose performance is being judged should have a major role in determining the criteria by which they are being judged.

Revision will not be quick or easy. Regular consultation with faculty and students will not be required, and there are printing and computer deadlines which cannot be met in time for the December administration.

Minor changes can be made, however, and some five of the inadequacies of the current instrument, as judged by the number of NA responses and by the indefiniteness of the questions, can be eliminated. Thus, questions 14, 19, 20, 21 and 27 can be deleted and replaced, for the December administration (Dec. 7-8) by five others approved on a college-wide basis, the substitutes to be mimeographed and passed out with the printed form, with the answers to be inserted in the blocks adjacent to the deleted questions. For a variety of reasons, no other changes can be made at this time.

Faculty members are asked to review the present form (next page) and to propose those questions they feel are most relevant to their own courses and mode of teaching. Variations here can be subsumed under the headings of Lecture, Discussion, Seminar, Skill and Laboratory, and combinations of these, and teachers are urged to submit appropriate questions to their college representatives (listed below). From these questions the committee hopes to be able to do two things: 1) Arrive at a list of five questions to substitute for the deleted ones, and 2) Generate a list of questions for the new questionnaire. The committee is optimistic that it can provide options on the revised form that will make it serviceable in every sort of teaching situation. There will, of course, be frequent consultation with the faculty as the work of the committee continues. It should be noted that the second page of the evaluation form is integral to it, since it gives the student an opportunity to be more detailed in his evaluation. Suggestions for improving this part will be welcomed.

Although the new form cannot be available for December, there is much that must be done immediately if it is to be ready for May administration. Consequently we are asking that each teacher submit a list of questions he considers important and relevant to his own kind of instruction to his college representative by October 29. Teachers are asked to identify themselves by name, rank and department and to list the courses they are now teaching.

Your cooperation is solicited in the development of a satisfactory, even an excellent, instrument for teacher improvement and evaluation.

The Committee:

Richard J. Thompson, A. & L. (Chairman)
Robert L. Anthony, Science
Jack J. Detzler, S.M.C.
Leslie G. Foschio, Law
Edward W. Jerger, Engineering
Robert W. Williamson Jr., Business Administration
Paul G. Banikiotes, Education (Secondary)
Consultants: Rev. William A. Botzum, C.S.C. and Charles W. McCollester

CLASS SEQUENCE		UNIVERSITY OF NOTRE DAME COURSE AND INSTRUCTOR EVALUATION									
COURSE IS:		DEPT. _____ INSTRUCTOR _____ DATE _____									
COURSE IS:		COURSE TITLE _____									
IN MAJOR AND REQUIRED IN MAJOR BUT NOT REQUIRED NOT IN MAJOR BUT REQUIRED NOT IN MAJOR AND NOT REQUIRED		Presently Enrolled (Or Intend To Enroll) In Which College or School		A & L Bus. Admn. Science Engineer. Law Graduate		Freshman Sophomore Junior Senior Other (e.g. Graduate, Law, etc.)		INSTRUCTIONS 1. USE REGULAR NO. 2 PENCIL <u>ONLY</u> 2. EVALUATE <u>EACH</u> STATEMENT BY COMPLETELY BLACKENING <u>ONLY ONE</u> RESPONSE BOX. <u>DO NOT</u> MARK A BOX WITH A CHECK OR A CIRCLE. <u>COMPLETELY FILL IN THE BOX</u> OF YOUR CHOICE WITH <u>PENCIL</u> 3. IF A STATEMENT <u>DOES NOT</u> APPLY TO THIS COURSE OR INSTRUCTOR, BLACKEN THE NOT APPLICABLE (N.A.) BOX THAT IS PROVIDED 4. IF YOU MAKE A MISTAKE, ERASE CLEANLY AND THEN MARK YOUR CORRECT CHOICE			
CUMULATIVE G.P.A. 4.00 - 3.50 3.49 - 3.00 2.99 - 2.50 2.49 - 2.00 Under 2.00		GRADE EXPECTED FOR THIS COURSE A A- B B- C D F		COURSE EVALUATION (MARK N.A. BOX IF STATEMENT DOES NOT APPLY) IN GENERAL, HOW WOULD YOU GRADE THE ...							
INSTRUCTOR EVALUATION (MARK N.A. BOX IF STATEMENT DOES NOT APPLY) WHAT GRADE WOULD YOU GIVE THIS INSTRUCTOR IN REGARD TO HIS ...				16. RELEVANCY OF THE READINGS TO THE LECTURES 17. QUALITY OF THE READINGS 18. QUALITY OF THE TEXT(S) 19. LABS AS AN INTEGRATED COMPONENT OF THE COURSE 20. QUALITY OF THE LABS 21. USE OF AUDIO-VISUAL MATERIALS 22. LECTURES AS TO HOLDING YOUR INTEREST AND ATTENTION 23. INTELLECTUAL LEVEL OF THE LECTURES 24. LECTURES AS A CONTRIBUTION TO IDEAS NOT AVAILABLE IN THE READINGS 25. RELEVANCY OF THE LECTURES TO THE COURSE 26. LECTURES AS AN INTEGRATED COMPONENT OF THE COURSE 27. QUALITY OF THE LECTURES 28. PERSONAL VALUE OF THE COURSE TO YOU							
1. ABILITY TO ENCOURAGE INDEPENDENT THINKING 2. ORGANIZATION OF SUBJECT MATTER 3. ENTHUSIASM FOR SUBJECT 4. KNOWLEDGE OF SUBJECT MATTER 5. ABILITY TO INTERPRET ABSTRACT IDEAS OR THEORIES 6. RESPECT FOR STUDENTS' QUESTIONS AND DIFFERENCES OF OPINIONS 7. INTEREST IN STUDENTS AS INDIVIDUALS 8. AVAILABILITY FOR CONSULTATION AND/OR ASSISTANCE 9. ABILITY TO MOTIVATE STUDENTS 10. PREPARATION FOR CLASS 11. PROMPTNESS IN RETURNING STUDENTS' WORK 12. ABILITY TO DIRECT DISCUSSIONS AND/OR RECITATIONS 13. GRADING POLICIES 14. PREPARATION OF QUIZZES/EXAMS AS INDICATORS OF KNOWLEDGE GAINED 15. COMPARED WITH OTHER INSTRUCTORS I HAVE HAD AT NOTRE DAME, I WOULD GRADE THIS INSTRUCTOR				A A- B B- C D F N.A. Less Than 5 Hours 5 to 9 Hours 10 to 15 Hours More Than 15 Hours N.A. Lighter About Same Somewhat Heavier Much Heavier N.A. Completely Outdated Somewhat Outdated About the Same Ahead of Times N.A. No Definitely No Probably Yes Probably Yes Definitely							

QUESTIONS TO BE ANSWERED AT HOME AND RETURNED
AT THE NEXT CLASS MEETING

Course _____

Professor _____

1. Comment on any of the questionnaire items.
2. What did you feel were the strengths and weaknesses of this professor?
3. How do you feel the professor and/or the course could improve?

editorial committee

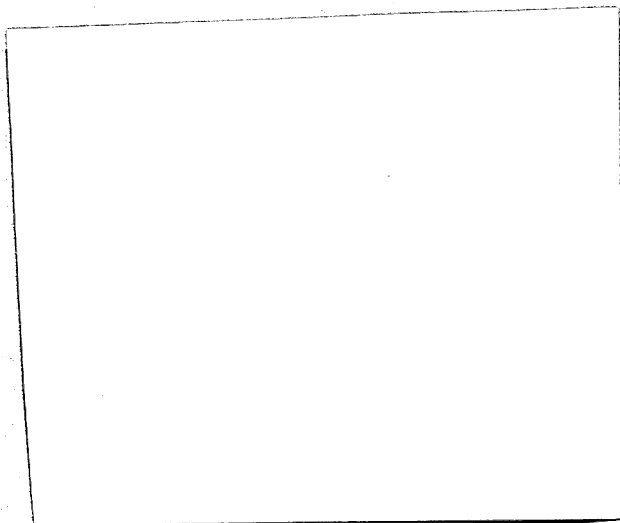
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