

'72-'73

notre dame report

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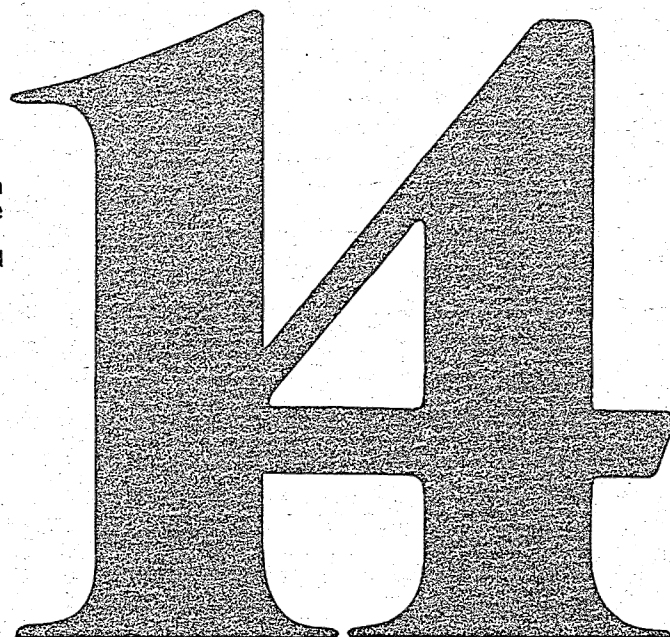
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the university

Vice President for Student Affairs

Dr. Philip J. Faccenda, vice president and general counsel of the University, has been named vice president for student affairs.

Faccenda, who has been acting vice president for student affairs since last June, was named to the post at a recent meeting of the executive committee of the University's Board of Trustees. While remaining counsel to the Board of Trustees, he will relinquish his other legal duties to a University Counsel to be named later.

Rev. James F. Flanagan, C.S.C., who has been acting associate vice president for student affairs, was named permanently to that position. Both appointments are effective immediately.

The search committee, appointed in November of 1971, considered 189 candidates, interviewed 18 and recommended four finalists from whom Faccenda was selected.

Faccenda, a 1952 Notre Dame mechanical engineering graduate and a 1957 Loyola University (Chicago) law graduate, came to Notre Dame as a special assistant to the president at the time of the changeover to lay governance in 1967. In addition to his liaison duties with the University's Fellows and its Trustees, Faccenda was drawn early into student personnel work, serving several terms on the tripartite Student Life Council where he was often the University's spokesman on issues affecting student life.

His appointment as acting vice president for student affairs was made last June at the recommendation of the search committee, which said it needed more time to find a successor to Rev. Thomas E. Blantz, C.S.C., who had resigned.

Formerly a partner in a LaSalle Street law firm in Chicago, Faccenda served as president of the Notre Dame Alumni Association in 1964, five years after heading the Notre Dame Club of Chicago. He was president of the Notre Dame Law Association in 1967.

Sophomore Literary Festival

Gwendolyn Brooks, Pulitzer prize-winning poet, will open this year's Sophomore Literary Festival with readings and a talk at 4 p.m. April 1 in the Memorial Library. Another Pulitzer winner, Arthur Miller, will close the week-long event with an informal talk at 8 p.m. on April 6 in Washington Hall.

Other established or rising stars in the field of literature appearing at the annual event include:

Stanley Elkin, professor at Washington University of St. Louis, April 2;

Chaim Potok, author of best-selling novels, The Chosen and My Name is Asher Lev, April 3;

John Ashberry, Fulbright and Guggenheim scholar, April 4;

Kenneth Rexroth, "poet of the beat generation," April 4;

Jerome Rothenberg, translator and co-editor of "Alcheringa," the first magazine devoted exclusively to ethnopoetics, April 5 and 6.

Festival artists appear in afternoon and evening public and private talks and sessions in the Library auditorium. Rothenberg, Rexroth and Ashberry will participate in a poetry symposium April 5 in the Library lounge.

This year's Sophomore Literary Festival is dedicated to scores of poets, novelists and journalists in prisons around the world because they risked expressing their convictions in a literary form.

Art Gallery exhibits

Sculpture and drawings of Rev. Anthony J. Lauck, C.S.C., director of the Notre Dame Art Gallery, are being featured in an exhibit which opened March 17. This one-man show is sharing display areas with "Benefactors of Notre Dame," a collection of almost 200 works of art given to the University during the last century.

Included in Father Lauck's exhibit are five monumental reliefs carved in walnut during the last year, each reflecting his religious spirit and personal philosophy. Also in the show are smaller

wood sculpture, several recent terra cottas and 17 water colors and drawings.

The "Benefactors" exhibit, the first of its kind in recent years, spotlights several major works of art given to the University since the original collection was destroyed in the 1879 fire.

Located in O'Shaughnessy Hall, the gallery is open to the public from 10 a.m. to 5 p.m. weekdays and from 1 to 5 p.m. weekends.

Caps and Gowns

All faculty interested in renting a cap and gown for the May Commencement exercises should report to the first floor of the Bookstore between 9 a.m. and 4 p.m. on either April 12 or 13 for rental information and measurement.

Combination Liberal Arts and Engineering program

Butler University in Indianapolis has become the 18th school to join Notre Dame in a five-year combination liberal arts and engineering program.

Under the so-called three-two plan, a student will take three years of liberal arts offerings and preparatory engineering courses at Butler, followed by two years in Notre Dame's College of Engineering and culminating in a bachelor's degree from Butler and a bachelor of science in an engineering field from Notre Dame. Butler students are eligible for the Notre Dame B.S. in seven areas of engineering: aerospace, chemical, civil, electrical, mechanical, metallurgical and materials science, and engineering science.

Conference on the History of Mediaeval Institutes

Notre Dame will host a Conference on the History of Mediaeval Universities on April 16 and 17. Being organized by Canon Astrik L. Gabriel, Director of Notre Dame's Mediaeval Institute and U.S. representative on the International Commission for History for Universities, the conference will be a follow-up of the meeting of the American Subcommittee for History of Universities.

Included on the program is a report by James K. McConica, Pontifical Institute and Centre for Mediaeval Studies in Toronto, entitled Current Investigation in the History of English Universities During the Renaissance. Other speakers include Pearl Kibre from the City University of New York, Leslie S. Domonkos, Youngstown State University; Karl Bosl, University of Munich and Canon Gabriel.

Concert Band

Notre Dame's 50-member Concert Band will complete a 3,000-mile concert tour of Midwestern and New England states with a performance at 8:15 p.m., March 23 in O'Laughlin Auditorium at Saint Mary's College.

Directed by Robert F. O'Brien and James Phillips, the band has prepared a program of classical melodies, Broadway show tunes and modern music for concert audiences.

Other appearances on the band's tour have included Pittsburgh, Pa., Waltham, Mass; Lewiston, Maine; Endicott, N.Y. and Flint, Mich. The band also presented a St. Patrick's Day concert at French-speaking McGill University in Montreal, Canada, a switch from its usual featured role in one of the nation's St. Patrick's Day parades.

Notre Dame Report

To: All Faculty and Professional Administrators

Notre Dame Report No. 15 will carry substantive corrections and additions to the information carried in Report No. 13. Kindly notify us of the same before April 2.

faculty notes

University appointments

Robert Havlik has been appointed Assistant Director for Technical Services of the University Libraries.

Non-university appointments

Rev. James T. Burtchaeil, C.S.C., provost, was named chairman of the Association of American College's commission on religion in higher education.

Dr. Michael J. Crowe, chairman of the General Program of Liberal Studies and the Graduate Program in History and Philosophy of Science, was recently elected to the Council of the History of Science Society. Dr. Crowe also has been appointed to serve on the Nominating Committee for the society.

Dr. James P. Danehy, professor of chemistry, was elected chairman of the United Religious Community's Task Force on Hospital Chaplaincy Services in St. Joseph County.

Dr. Joseph C. Hogan, dean of the College of Engineering, has been appointed to the Board of Directors of the United Way and to the Technical Advisory Group of the Whirlpool Corporation.

Dr. James Kritzeck, professor of history, has been appointed Special Consultant to the National Council of Catholic Bishops for the Committee on Ecumenical and Interreligious Affairs by William W. Baum, Archbishop-designate of Washington.

Miscellany

Dr. Robert Betchov, professor of aerospace and mechanical engineering, presented a one hour seminar at Purdue University entitled "Numerical Models of Turbulent Flows" on February 16.

Msgr. John J. Egan, associate professional specialist in the Department of Theology, addressed a conference for the religious in the archdiocese of Santa Fe on February 18. The title of his address was "Ministry in Today's Church: A Challenge for Both Men and Women."

Dr. Francis P. Fiorenza, assistant professor of theology, addressed the 150th Anniversary Ritschl Symposium at the Lutheran School of Theology on "Ritschl's Place in the 19th Century: A Catholic Perspective."

Dr. Raymond C. Gutschick, professor of geology, presented a seminar on the "Geology of a Cryptoexplosion Structure at Kentland, Indiana" to the Department of Geological Sciences of the University of Illinois at Chicago Circle on February 15. He also presented a colloquium on geological studies in the Cordilleran geosyncline of western United States at the University of Wisconsin-Milwaukee, March 7.

Dr. William Heisler, assistant professor of management, was speaker at a seminar of the National Secretaries Association (River Bend Chapter) on March 17. His presentation was entitled "Motivation and Ability: Keys to Effective Performance."

Rev. Theodore M. Hesburgh, C.S.C., president, received the 1973 Executive-of-the-Year Award from the American College of Hospital Administrators on February 16 in Chicago. Father Hesburgh was also honored by Aquinas College of Grand Rapids, Mich., when he received the 14th annual Aquinas Award on February 25.

Dr. Charles W. Ingram, assistant professor of aerospace and mechanical engineering, presented a paper at the AIAA Dynamic Specialist Conference in Williamsburg, Va. on March 18-20. The title of the paper was "An Investigation of Unsteady Aerodynamics on an Oscillating Airfoil."

Bro. Anthony J. Ipsaro, S.M., assistant professor of Graduate Studies in Education, and Dr. John O. Meany, associate professor of Graduate Studies in Education, have been invited to present a paper on "Transformations of Psychic Energy in Transpersonal States of Consciousness," at the First International Congress on Psychotronic Research in Prague, Czechoslovakia in June, 1973. They were invited by the Committee on Applied Cybernetics of the Czech Society for Science and Technology. They will also present an invited paper at Oxford University for an International Ecumenical Conference on East-West Spirituality. They have been invited to speak on "Depth Psychology and the Experience of Hesychasm."

Dr. Kenneth R. Lauer, professor of civil engineering, presented a paper entitled "Monte Carlo Simulation of Statistical Parameters of Concrete Strength Data" at an International Symposium on Evaluating

the Strength of Concrete - Methods and their Significance sponsored by the American Concrete Institute at its Atlantic City meeting March 8. Brian Siqueira, a graduate student, was co-author of the paper.

Dr. James Michael Lee, professor of Graduate Studies in Education, led a seminar discussion and presented a paper at the recent triennial Religious Education Association meeting. His topic was concerned with the teaching-learning dynamic in religious education.

Dr. Lawrence H.N. Lee, professor of aerospace and mechanical engineering, delivered the ONR-AIAA Lecture on March 20 at the 14th Structures, Structural Mechanics and Materials Conference, Williamsburg, Va. His lecture was entitled "General Elastic-Plastic Instability of Ring-Stiffened Cylindrical Shells Under External Pressure."

Dr. John R. Malone, associate dean and director of the graduate program in the College of Business Administration, was invited to participate in a lecture series sponsored by the Division of Business Research at the College of Business Administration, Ohio University, Athens, Ohio. The title of his lecture, presented on February 28, was "Structuring an Effective MBA Program."

Dr. John J. McDonald, assistant professor of English, was recently awarded an NEH Summer Stipend of \$2,000 for 1973 and a Study Fellowship from the American Council of Learned Societies for \$9,700 to be held January 1 to August 31, 1974.

Dr. Ralph M. McInerney, professor of philosophy, presented a graduate seminar on Reference (suppositio) in Medieval Logic at Western Michigan University in Kalamazoo on March 20.

Rev. Ernan McMullin, professor of philosophy, gave a lecture on "Teilhard as a Religious Thinker" to the Department of Religious Studies at Indiana University in Bloomington on March 2, and the following day conducted a discussion on TV entitled "Teilhard and the Future of Man" for the Bloomington Ecumenical Ministries. On March 4, he presented the annual Aquinas Lecture at Xavier University of Cincinnati on "Three Concepts of Science." As Vice President and President-Elect, he took the chair when Roderick Shisholm delivered his Presidential Address at the annual meeting of the Metaphysical Society of America, New Orleans, on March 16-17. Rev. McMullin also spent a week as Visiting Scholar touring the Piedmont University Consortium in North Carolina and lecturing at three of its colleges: Belmont Abbey, Davidson College and Lenoir Rhyne College. He also recently served on several committees during the four-day APA December meeting. Rev. McMullin also conducted a colloquium on "The Temporal Dimension of Science" to the Department of Philosophy at the University of Kentucky.

Dr. John O. Meany, associate professor of Graduate Studies in Education, served as a psychological consultant on vocational development to the Abbot of the Trappist Abbey of the Holy Trinity in Utah on January 24.

Dr. Charles W. Murdock, professor of law, addressed the North Central Regional Conference of the National Association for Retarded Children on March 17 in Indianapolis. His topic was "Sterilization and Abortion: A Problem or Solution." On March 30, he will speak at the Indiana University Law School in Indianapolis where he will present an overview on the impact of the law upon the retarded in the community, in education, in institutions and in the correctional sphere.

Dr. Enrico Plati, assistant professor of architecture, gave two lectures at the Department of Architecture of the California Polytechnic University of Pomona, Calif. in January. The title of his address was "The Process of Urban Design and its Relationships to Architecture." Dr. Plati was also asked to attend various classes and to inspect studio-courses in order to furnish recommendations on the reorganization of the course of studies in architecture.

Dr. Ray M. Powell, chairman of the Department of Accounting, spoke on "Profit Planning and the Controller" at the February Technical Meeting of the Kokomo Area Chapter of the National Association of Accountants in February 20.

Dr. Kenneth Sayre, professor of philosophy, gave a series of lectures at Waterloo Lutheran University in Canada on January 31-February 1 on the subject of Consciousness and Machines.

Dr. Thomas L. Shaffer, dean of the Law School, addressed a Post-Mortem Estate Planning group in New York City on February 8.

Dr. William G. Storey, associate professor of theology, lectured twice at Oberlin College on March 10 and March 11. The titles of his addresses were: "The Saints" and "The English Mystics." Dr. Storey also preached at the main Mass in Oberlin College Chapel on March 11.

Dr. Ronald H. Weber, chairman of the Department of American Studies, discussed the role of nonfiction writing in recent American literature at DePauw University, Greencastle, Ind., on March 6.

Dr. Francis A. Yeandel, assistant professor of management, was the guest lecturer at the Graduate School of Business at Western Michigan University on March 13. The title of his address was "The Decision Making Process for Executives."

Necrology

News of the death of Enrique Echeverrias, visiting artist in 1964-65, was recently received by the University. Considered to be one of Mexico's five leading artists, Echeverrias reportedly died last fall.

John A. Scannell, 68, retired professor and chairman of the physical education department at Notre Dame from 1929-1968, died February 15 in his South Bend home. Scannell had also served two post-retirement terms as a counselor in the Freshman Year of Studies program.

Office of Advanced Studies

Special Notice

Summer School Tuition Scholarships

Tuition scholarships for up to three credit hours of regularly scheduled academic work in the Summer Session are available to faculty, faculty spouses, and faculty children as well as professional administrators holding the ranks of staff executive, staff manager, or staff specialist.

To qualify for the summer scholarship all individuals must apply for admission to the Summer Session by May 31; acceptance in any specific course is conditional upon availability of space in the course. Faculty children who have completed high school and who have not yet received a bachelor's degree are eligible to use the scholarship for enrollment in undergraduate courses only.

Applications should be processed in the Office of the Director of the Summer Session, Room 312, Administration Building.

Information Circulars

National Science Foundation Public Sector Office

NO. FY73-51

The National Science Foundation (NSF) has established within its Experimental Research and Development Incentives Program a Public Sector Office. The Public Sector Office will provide grants for studies and experiments to test Federal incentives potentially helpful to State and local governments in bringing technology into their operations. The objectives are greater effectiveness and economy in providing services, and improving the quality of community life.

The Public Sector Office will work with State, county, and local governments and regional jurisdictions. It will investigate supportive roles of academic, nonprofit, and

industry research institutions as well as Federal Laboratories. All public service functions will be covered, including safety, transportation, sanitation, health, social services, education, natural resource management, communications, and administration.

These efforts will be carried out over a wide geographic spread and in a range of small and medium-sized cities, large metropolitan areas, counties, states, and regions.

National Endowment for the Humanities and the National Science Foundation Proposals Involving Ethical and Human Value Implications of Science and Technology

NO. FY73-52

Recently, there has been mounting interest throughout our society in the ethical and human value implications of science and technology. This area is related to both technology assessment and environmental impact, as well as to ethics, moral philosophy and law, but it is more specialized than any of these in its sharper focus on cultural and humanistic values as they are challenged, modified or influenced by advances in science and technology.

Although the National Endowment for the Humanities and the National Science Foundation have in the past supported activities related to this subject, both foundations, individually and in collaboration, are now prepared, on a selective and limited basis, to consider fresh approaches in support of scholarly activities in this field. Such approaches may include research and other forms of scholarly investigation, together with conferences, colloquia, seminars and similar activities.

The National Endowment for the Humanities and the National Science Foundation have established procedures which will enable them to work in close collaboration in this program. Twin advisory committees composed

of persons with distinguished backgrounds in science, the humanities, and public affairs, are to be established to provide policy guidance and advice regarding the concept of the program and other related matters.

Proposals for research or other activities in this field may be submitted either to the National Endowment for the Humanities or to the National Science Foundation, depending on their primary orientation. Pre-submission discussion with appropriate staff of either foundation is encouraged. Through coordination between the two foundations, proposals may be transferred from one to the other as indicated by subject matter, availability of funds, etc. In appropriate instances there may be joint funding of approved proposals.

In general, proposals considered to fall within this new program will be those which have as their primary object the illumination of areas of current concern about ethical or human values, or which have a strong collateral potential for making a scholarly contribution in such areas. Priority for support will be given to proposals that are judged to offer the best prospects for making a substantial contribution to new knowledge and thinking on this complex subject.

Inquiries or proposals to the National Endowment for the Humanities should be directed to:

Program of Science, Technology and
Human Values
Office of Planning
National Endowment for the Humanities
Washington, D. C. 20506

Inquiries or proposals to the National Science Foundation should be directed to either the appropriate substantive scientific division or to:

Ethical and Human Value Implications
Program
National Science Foundation
Washington, D.C. 20550

National Science Foundation National R & D Assessment Program

NO. FY73-53

Studies on how science and technology can more effectively contribute to the achievement of national goals were outlined in congressional testimony on March 1, 1973 by Mr. Leonard L. Lederman, Program Director of the National Science Foundation's (NSF) new National R&D Assessment Program.

Testifying before the Subcommittee on Science, Research and Development of the House Committee on Science and Astronautics, Mr.

Lederman said that the program would make analyses and define options that would help policy makers in their efforts to enhance the contribution of science and technology to the nation.

Major goals of the program are to achieve a fuller understanding of:

1. Relationships between Government policy options and R&D and technological innovation, including issues such as government expenditure mechanisms, tax incentives and regulations, patent systems and antitrust laws, and government regulations;
2. Socio-economic effects of R&D and technological innovation, including research on productivity, employment, income, foreign trade, and individual well-being; and
3. How the innovation processes work.

The NSF National R&D Assessment Program was established last fall following congressional authorization and appropriation of funds. A detailed program plan was issued November 1, 1972.

Significant among the recent accomplishments of the new program is the establishment of a research effort to analyze patterns of R&D and technological innovation.

Mr. Lederman's testimony was presented in connection with congressional hearings on NSF authorization legislation for Fiscal Year 1974. For FY 1974 NSF seeks \$2 million for the National R&D Assessment Program, the same funding as provided in FY 1973.

This research will also identify the principal motivations underlying existing R&D patterns and assess the implications of options that will help shape future R&D patterns.

To accomplish its objectives, Mr. Lederman explained, the program plans to support approximately 20 studies per year at universities and other organizations. In addition, the program staff will conduct studies and draw on research sponsored by other Federal agencies and other NSF programs.

One of the studies planned for funding in FY 1973 will examine the impact of technological innovation on foreign trade and the U.S. balance of payments. Another study planned for FY 1973 funding will assess the relationship of R&D expenditures of commercial firms to their profits.

**National Science Foundation
RANN Program, Awards for the
Evaluation of Policy-Related
Research in the Field of Human
Resources**

NO. FY73-54

The Division of Social Systems and Human Resources of the Research Applications Directorate at the National Science Foundation will provide approximately \$2,500,000 for the systematic evaluation of policy-related research concerned with human resources. A number of one-year awards not to exceed the equivalent of two professional man years of effort each will be made under this program announcement to support research in any of the twenty-one categories. Proposals must be received by the Central Processing Section of the Foundation by 5:00 p.m. E.S.T., April 20, 1973; proposals will be considered firm until July 30, 1973. Awards may provide full costs when appropriate.

The objectives of these awards are: (1) to make a significant body of policy-related research on human resources more accessible and useable by policy makers; (2) to indicate those areas lacking in significant policy-related research; and (3) to provide a more rigorous basis for future research projects dealing with policy-related research on human resources.

A very large body of policy-related research on human resources has been created over the last quarter century. This body of research has not been evaluated comprehensively with respect to technical quality, utility for policy makers, and potential for codification and wider diffusion. This body of research is difficult to locate, evaluate, and use in decision making. Systematic and rigorous evaluations of this literature and experience are required to aid in the planning and definition of research programs concerned with human resources and to provide a synthesized basis of evaluated information for potential use by agencies at all levels of government.

Proposals should deal with the evaluation of research bearing on policy instruments currently and potentially available to decision makers. Results of the evaluation should include:

- 1) An analysis of the validity of a given body of research on the effectiveness, efficiency, and equity of policies in the area selected. For example, if the field selected is services to disadvantaged youth, then the alternative policies open to decision makers should be enumerated and the research that bears on these policies should be evaluated.
- 2) A synthesis of the evidence that

shows the need for new or additional research or that shows that no new or additional research is required.

The proposal must address the following issues:

- 1) Principles and criteria for evaluating the internal validity, strengths and weaknesses, and internal consistency of individual studies. (The evaluation of internal validity for each policy-related research study determines whether the researcher actually used proper methods and data for the questions asked.)
- 2) Principles and criteria for evaluating the external validity and consistency of results of different studies bearing on the same subject. (The evaluation of external validity determines whether the results of one policy-related research study are consistent or inconsistent with the accumulated knowledge of other policy-related studies and explain the reasons why.)
- 3) Principles and criteria for judging the policy relevance of particular studies and of sets of related research bearing on given policy instruments.

The following twenty-one categories are the areas for which research evaluation proposals may be submitted. No funding priority has been set for these twenty-one categories. No areas other than the ones listed will be accepted under this program announcement. A proposal may only address one of these categories. However, several separate proposals each addressing a different category may be submitted by an organization. Applicants must note that the proposal calls for evaluations of research literature, not original new research. Where applicable, cost and effectiveness analyses must be included in the research evaluation.

Labor - Programs

- Alternative pension schemes and labor mobility, including portable pension schemes
- Alternative public and private programs for mid-life redirection of careers
- Effectiveness of alternative job training programs
- Effectiveness of alternative methods to reduce occupational illness and accidents
- Relations between productivity, industrial organization, and job satisfaction

Organizational Structure

Effectiveness of state workman's compensation laws

- Effectiveness of alternative unemployment insurance systems
- Forecasting of manpower requirements
- The impact of unionization on public institutions

Youth - Programs

- Effectiveness of alternative child care programs
- Effectiveness of alternative programs to equalize educational opportunities between the disadvantaged and the advantaged

Health - Programs

- Effectiveness of alternative allocations of health care manpower (e.g., paramedics, teams, personnel versus technology, etc.)
- Effectiveness of alternative programs for the handicapped
- Effects of alternative health care reimbursement systems, including health care insurance systems

Organizational Structure

- Effects of regulation of health care by law, licensing, and standards
- Trade-offs between preventive and primary health care

Criminal Justice - Programs

- Effectiveness of alternative pretrial intervention programs
- Effectiveness of alternative youth service programs for delinquency prevention
- Effectiveness of volunteer programs in the area of courts and corrections

Organizational Structure

- Effectiveness of alternative job training programs in correctional institutions
- Effects of the exercise of discretion by criminal law enforcement officials

It is recognized that within the 12-month period for the award and within budget limitations, certain fields of research may not be completely evaluated. In such cases sequential research designs will be considered. Sequential designs should lay out the assessments in phases. Only the first phase will be funded and funding of future phases

will be contingent on an evaluation of the quality and utility of Phase I and the design for further phases.

Additional information on proposal preparation is available in the Office of Advanced Studies, Extension 7378.

International Sugar Research Foundation, Inc.

NO. FY73-55

The International Sugar Research Foundation is now accepting research proposals related to the utilization of sugar.

The purposes of the Foundation are as follows:

To initiate, promote, assist, develop, maintain, conduct, and carry on, directly or indirectly, investigations, studies, and research relating to sugar and other sweetening agents, and any and all uses or possible uses thereof, in any form whatsoever, and whether as a food or an ingredient of foods or beverages, or in industry or otherwise, including, without limiting the generality of the foregoing, the place AND value of sugar or any other sweetening agent in the human diet, its relationship to other foods, and its nutritional, dietary, industrial, and other uses, purposes or effects, whether separately or as an ingredient of or in combination or conjunction with other food or substances.

Research Programs which have been of interest are generally as listed below; the order is not significant.

1. Nutritional and metabolic studies of sugars and other sugar-related public health issues, for example:

-Contributions toward an answer to the question: "is sucrose a factor in Cardiovascular disease"; the effect of sucrose on the physical and mental development of growing children; effect of sucrose on dental caries and its remedies or related studies.

2. Technology related to the improvement of sugar-containing processed foods, or experimental demonstrations of better food quality of those foods using sucrose or invert sugar in comparison with other sweeteners, for example:

-Comparative studies of sucrose and sweeteners derived from hydrolyzed starch in respect to their organoleptic properties, shelf-life characteristics and such effects on various processed foods or beverages and the

application of sucrose in modern food technological studies.

3. Development of products resulting from research using sucrose or its derivatives as raw materials in industrial application or other forms of sucrose utilization, such as agricultural chemicals.

4. By-product utilization

-The use of sugar or sugar by-products in a broader aspect of fermentation.

Application forms will be forwarded upon request. Principal investigators interested in this research program are asked to write to:

Dr. Perkins P. K. Chang
Director of Research
International Sugar Research
Foundation
7316 Wisconsin Avenue, Suite 400
Bethesda, Maryland 20014

Applications must be received by MAY 1, 1973.

Current Publications and Other Scholarly Works

BUSINESS ADMINISTRATION

Management

- Starcevich, M.M. 1972. Job factor importance for job satisfaction and dissatisfaction across different occupational levels. Journal of Applied Psychology 56(4):467-471.

Marketing Management

- Furuhashi, Y. 1972. The Japanese economy at a crossroad. Notre Dame Business Review 7(2):12-22.
Weber, J.A. 1972. Keeping current on new developments in accounting. The International Journal of Accounting 7(1):116-123.
Weber, J.A. 1972. Keeping up-to-date on marketing developments. Marketing Horizons 11(5):16-19.

ENGINEERING

Aerospace and Mechanical Engineering

- Brach, R.M. 1973. Optimized design: characteristic vibration shapes and resonators. The Journal of the Acoustical Society of America 53(1):113-119.
Morris, E.E. 1973. Moments method calculation of buildup factors for point isotropic monoenergetic gamma-ray sources at depths greater than 20 mean-free-paths.

- Nuclear Science and Engineering 50:32-37.
Mueller, T.J., and D.R. Campbell. 1973. Effects of mass bleed on an internal separated flow. Proceedings of Two-Day Symposium on Application of Computers to Fluid Dynamics Analysis and Design, January 3-4, 1973, Farmingdale, New York. Paper 3A(5):134-144.

Chemical Engineering

- Carberry, J.J. 1972. Transport coefficients and catalytic selectivity. Pages 59-70 in, G.K. Boreskov, editor, The Porous Structure of Catalysts and Transport Processes in Heterogeneous Catalysis, The 4th International Symposium on Catalysis, Novosibirsk, USSR. Akadémiai Kiadó, Budapest.
Carberry, J.J., and G. Cassiere. 1973. The interphase catalytic effectiveness factor. Journal of Chemical Engineering Education 7:22.
Carberry, J.J., and W. Goldstein. 1973. Inter-intraphase diffusion affected yield. Journal of Catalysis 28:34.
*Carberry, J.J., G.C. Kuczyński, and E. Martinez. 1973. Sherodization of Ag catalyst particles induced by irradiation. Journal of Catalysis 28:39.
*Carberry, J.J., G.C. Kuczyński, and E. Martinez. 1973. Spheroidization of silver ethylene oxidation catalyst particles as induced by γ -irradiation. Journal of Catalysis 28(1):39-45.

- Luks, K.D., J.P. Kohn, and D.J. Cordeiro. 1973. Process for extracting high-molecular-weight hydrocarbons from solid phase in equilibrium with liquid hydrocarbon phase. Industrial and Engineering Chemistry, Process Design and Development 12(1):47-51.

*Under the Radiation Laboratory

Metallurgical Engineering

- *Kuczyński, G.C., and G. Matsumura. 1973. New color centers in KCl crystals. Physica Status Solidi 55(b):329-334.
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Monthly Summary

Awards Received

IN THE MONTH OF FEBRUARY, 1973

Department or Office	Principal	Short title	Sponsor	Amount-\$ term
AWARDS FOR RESEARCH				
Biology	Weinstein	Development of parasitic nematodes in vitro	Natl. Inst. Health	75,317 1 yr.
Chemical Eng.	Banchero	Grant-in-aid	E.I. duPont de Nemours Co.	5,000 1 yr.
Chemical Eng.	Banchero	Grant-in-aid	Exxon Educ. Fdn.	5,000 ---
Chemistry	Castellino	Structure-function studies on plasminogen and plasmin	Natl. Inst. Health	29,262 1 yr.
Chemistry	D'Alelio	Studies on reactive oligomers	U.S. Air Force	40,000 1 yr.
Aerospace Mechanical Eng.	Novotny	Fire and smoke spread in corridors	Natl. Sci. Fdn.	132,000 18 mos.
Biology	Fuchs	Reproductive physiology of <u>Aedes</u>	Natl. Inst. Health	41,687 1 yr.
Physics	Browne	Nuclear structures research	Natl. Sci. Fdn.	470,000 1 yr.
Chemical Eng.	Banchero	Grant-in-aid	UOP Fdn.	500 9 mos.
Electrical Eng.	Sain, Massey	A unified study of coding and controlled theories	Natl. Sci. Fdn.	68,700 2 yr.
AWARDS FOR FACILITIES AND EQUIPMENT				
Memorial Library	Sparks	Grant-in-aid	Drusilla Farwell Fdn.	500 ---
Metallurgical Eng.	Fiore	Materials research equipment	Natl. Sci. Fdn.	25,000 1 yr.
AWARDS FOR EDUCATIONAL PROGRAMS				
Mediaeval Institute	Gabriel	Grant-in-aid	Wallace V. Bedolfe	1,500 ---
Administration	Burtchaell	Pastoral activities	Alice R. and Daniel J. Rogers	3,000 ---
Collegiate Seminar	Oesterle	Collegiate seminar workshop	Uniroyal, Inc.	5,000 3 mos.
AWARDS FOR SERVICE PROGRAMS				
Urban Studies	Broden	Private sector-youth urban strategy	Catholic Univ. Amer.	58,668 5 mos.

Proposals Submitted

IN THE MONTH OF FEBRUARY, 1973

Department or Office	Principal	Short title	Sponsor	Amount-\$ term
PROPOSALS FOR RESEARCH				
Chemical Metallurgical Eng.	Carberry, Kuczynski	Kinetics of supported Pt sintering	Amer. Chem. Soc.	20,000 2 yr.
Microbiology-Lobund Laboratory	Pollard	Development and maintenance of germfree animal colonies	Natl. Inst. Health	99,360 1 yr.
Law School	Shaffer	Research and development project in law	Natl. Inst. Educ.	47,204 1 yr.
Metallurgical Eng.	Fiore	Crystallographic effects in γ -irradiation damage	U.S. Army	46,870 2 yr.
Chemical Eng.	Strieder, Verhoff	Effects of macromolecules on the treatment of waste water	Natl. Sci. Fdn.	63,312 2 yr.

Metallurgical Eng.	Fiore	Crystallographic effects in γ -irradiation damage	Natl. Sci. Fdn.	46,870 2 yr.
Civil Eng.	Lauer	Standardizing outdoor exposure tests for concrete durability	U.S. Dept. Trans.	32,047 1 yr.
Aerospace Mechanical Eng.	Brach	Study of shot wheel motion	Wheelabrator-Frye, Inc.	7,525 7 mos.
Metallurgical Eng.	Kuczynski	Effect of γ -irradiation on oxidation of copper alloys	Natl. Assocn. Corrosion Eng.	6,000 1 yr.
Aerospace Mechanical Eng.	Mueller	Internal flow effects on acoustics of jets	Natl. Aero. Space Admin.	63,052 1 yr.
Chemistry	Basu	Metabolism of glycosphingolipids in animal cells	Natl. Inst. Health	30,605 1 yr.
Electrical Eng. Management	Myers, Bernardo	Regulation in policy planning of a national public data network	Natl. Sci. Fdn.	71,151 1 yr.
Chemical Eng.	Verhoff, Smith	Processes in ionic solutions for corrosion control	Natl. Assocn. Corrosion Eng.	6,000 1 yr.
Biology	Greene	Evolution of chloroplasts - a test of the symbiotic theory	Natl. Sci. Fdn.	65,466 2 yr.
Electrical Eng.	Gajda	Thin ferromagnetic films for bubble propagation	Natl. Aero. Space Admin.	16,425 1 yr.
Aerospace Mechanical Eng.	Daschbach, Biles	Predictive algorithm - federal district court cases	Federal Judicial Ctr.	211,320 21 mos.
Metallurgical Eng.	Miller, Allen	Dislocation substructure and grain size in nickel	Natl. Sci. Fdn.	107,776 2 yr.
Metallurgical Eng.	Fiore	Effect of γ -irradiation on precipitates in Al alloys	Atomic Energy Comm.	49,920 2 yr.

PROPOSALS FOR FACILITIES AND EQUIPMENT

Administration	Kobayashi	Equipment for undergraduate instruction, Title VI-A	Ind. Comm. Higher Educ.	16,004 ---
Memorial Library	Sparks	College library resources program	U.S. Off. Educ.	5,000 1 yr.

PROPOSALS FOR EDUCATIONAL PROGRAMS

Psychology	Borkowski, Whitman	Research training in mental retardation	(Through DPRD)	20,000 1 yr.
Philosophy	McMullin	Perspectives in philosophy lecture series	(Through DPRD)	250,000 ---

Summary of Awards Received and Proposals Submitted

IN THE MONTH OF FEBRUARY, 1973

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	8	\$ 265,466	2	\$ 602,000	10	\$ 867,466
Facilities and Equipment	-	---	2	25,500	2	25,500
Educational Programs	2	6,500	1	3,000	3	9,500
Service Programs	-	---	1	58,668	1	58,668
Total	10	\$ 271,966	6	\$ 689,168	16	\$ 961,134

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	2	\$ 129,965	16	\$ 860,938	18	\$ 990,903
Facilities and Equipment	-	---	2	21,004	2	21,004
Educational Programs	1	20,000	1	250,000	2	270,000
Service Programs	-	---	-	---	-	---
Total	3	\$ 149,965	19	\$ 1,131,942	22	\$ 1,281,907

Closing Dates for Selected Sponsored Programs

Agency	Programs	Application Closing Dates
Committee on International Exchange of Persons	University Lecturing and Advanced Research Abroad	May 1, 1973
Foreign Area Fellowship Program	Fellowships, Internships, and Grants	May, 1973
National Endowment for the Humanities	Research Programs	May 8, 1973
National Institutes of Health	Research Career Development Awards	May 1, 1973
National Research Council	Postdoctoral Research Associateships	May 15, 1973
National Science Foundation	RANN-Policy-Related Research in the Field of Human Resources	April 20, 1973
Smithsonian Institution	Woodrow Wilson International Center for Scholars	May 1, 1973
Society of the Sigma Xi	Postdoctoral Research	May 1, 1973
U.S. Department of Housing and Urban Development	College Housing Program	May 1, 1973
U.S. Office of Education	Improvement of Postsecondary Education	April 15, 1973
	National Defense Foreign Language Fellowships	April 20, 1973 (Students)

documentation

Joint Statement on Notre Dame- Saint Mary's College Coexchange Program

Educational enrichment is the most valuable objective of a viable coexchange program. This belief is largely responsible for the statement released on November 15, 1972 by the University of Notre Dame and Saint Mary's College. This statement set forth the basic policies for a renewed coexchange program during the present academic semester. The intent of the present statement is two-fold:

- 1) to renew our commitment to the coexchange program and,
- 2) to further elaborate on some of the policies previously promulgated.

The opportunity for Saint Mary's and for Notre Dame students to take courses on each other's campus is a privilege that carries with it multiple benefits both in the academic and in the social areas. We feel strongly that each institution benefits by the educational enrichment of its students who participate in the coexchange program. Therefore, the University of Notre Dame and Saint Mary's College have agreed to continue the coexchange program for the academic year 1973-74. Students from either institution will be able to enroll in coexchange courses without incurring individual tuition charges.

In any academic venture, once general policy guidelines have been drawn, there appear certain specific items that need clarification. In this instance, the special fee attached to certain courses is a case in point. Saint Mary's has no general fee but rather attaches to some classes a course charge. Notre Dame, on the other hand, has a general fee, varying with the student's college, that covers all classes taken on campus.

To resolve this difference Saint Mary's and Notre Dame have agreed upon the following procedure. Notre Dame students who take a Saint Mary's course for which a special fee is charged will be billed for this charge. Example -- student teaching, language and science "labs," private music lessons, photography, etc. Saint Mary's students who take a Notre Dame course comparable to one on their campus for which a fee is assigned will be charged that fee. Example -- language and science "labs," photography, art, psychology, etc.

Our experience with coexchange registration for this semester supports our agreement that each school have a ceiling quota of 3,000 credit hours to be assigned by each institution according to guidelines determined by its own staff. Each school will seek to avoid overburdening specific departments in the other institution. There will be no requirement that this 3,000 hour quota be entirely used up, nor will there be an accounting for hours not so used. Following advance registration, representatives of each institution will evaluate the results and jointly determine changes, if any, to be made. However, regardless of the actual enrollment figure, neither institution will be expected to decrease its enrollment at a level below 3,000 hours.

The Department of Speech and Drama will continue as a cooperative department, and its hours will be exclusive of, or in addition to, the 3,000 hour quota. In addition, courses required of students majoring in the coordinate program in Religious Studies - Theology will be cross-listed and, thus, will be exclusive of the 3,000 hour quota. Further, effective in the fall of 1973, qualified students from both institutions may participate in musical organizations on either campus without the payment of special fees. Included in this agreement are the marching band, concert band, orchestra, glee clubs and madrigal singers.

Hopefully, the policies set forth in our November 15, 1972 statement and the more specific guidelines advanced in this announcement may serve as a basis for continuation and expansion of cooperation between our two institutions. Representatives of both schools will continue to explore additional areas of cooperation.

Rev. James T. Burtchaell, C.S.C.
Provost
University of Notre Dame

Dr. Edward L. Henry
President
Saint Mary's College

University of Notre Dame Press

To: The Editorial Board of the University of Notre Dame Press

Rev. Paul E. Beichner, C.S.C., Professor of Mediaeval Studies
Dr. Matthew A. Fitzsimons, Professor of History
Dr. Stephen D. Kertesz, Professor of Government and International Studies
Dr. William T. Liu, Professor of Sociology
Dr. Ralph McInerny, Professor of Philosophy
Dr. Julian Samora, Professor of Sociology
Dr. Ernest Sandeen, Professor of English

At the close of the last academic year I asked you to undertake a major survey of the University Press, its goals and performance, and to advise the University administration concerning its future (72-3 NDR 17, 313). Your report, submitted in December, has already been published (72-3 NDR 11, 229). For that sagacious report, and the careful investigation which preceded it, the entire University community should be grateful. Since first receiving it the administration has studied and discussed your report. We believe that in practically every respect your findings and recommendations are persuasively supported and presented. Interesting corroboration of your findings has most recently been provided in Donna Martin, "The Plight of the Academic Presses," *Change*, March 1973, pp. 44-49, which all the faculty and administration would find enlightening.

Despite our present agreement, we hesitate now to make a long-range decision regarding the Press' future, pending an examination and recommendation by the Committee on University Priorities. The administration is convinced that the Press is a reasonable enterprise, and many faculty have written in support of its continuance. Nevertheless, we must remember that the \$100,000 which is its net annual cost to the University could, if applied to faculty salaries, produce an added raise of nearly \$400 for each full-time member of the College of Arts and Letters. If applied to our library's acquisitions budget it would significantly increase our purchasing power, say, in the humanities and social sciences. Thus the continuance of the Press is a drain on our total economy, and it is really only after the report of the COUP that we should make the final decision that it is the right enterprise to put the money into.

It would not be wise to postpone action upon your recommendations, however, while we wait for the COUP to submit its own report. Much of what you propose can be put into effect quite soon, regardless of the ultimate decision about the Press. Indeed, it may even strengthen the case for its survival if it be meanwhile reformed as you suggest. It has been decided by the administration to take the following action upon your recommendations.

1. Continuation

The Board strongly recommends that the University of Notre Dame Press be continued, and that it be supported at the level the University finds financially feasible. At the present an annual subsidy of \$50,000 not including a write down on inventory more than five years old, seems to be a workable figure. As the period of economic stringency passes, the support should be raised slowly so as to permit a build up of the backlist with more new books.

The Press will be continued for the present, under the supervision of an Acting Director. If positively recommended by the Committee on University Priorities, it will later be given a permanent Director. The annual subsidy at present (and over recent years) has been \$100,000. This will be adjusted as noted under No. 6 below.

2. Jurisdiction

Since the UND Press serves the academic community, it is recommended that it be put under the jurisdiction of the Provost's Office rather than the authority and budget of the Vice President for Business Affairs and that the business aspects of it be monitored by Business Affairs.

This transfer of jurisdiction is to be immediately effected.

3. Appointment and Duties of the Board

It is recommended that the appointment of members to the advisory Editorial Board be made, on recommendation of the Board, by letter of appointment from the Office of the Provost for definite staggered terms in such a manner that the Board will have continuity as well as a new input of ideas and talent. It is assumed that the Provost would be an ex officio member. The duties and responsibilities of the Board should be clarified, particularly if these are to be broadened to include more than editorial evaluations. At present, although the Board is implicitly aware of the different costs and marketability of books of different kinds, its main concern is with editorial evaluation.

We propose an Editorial Board of eight members, to serve terms of four years, with two members retiring each year. To effectuate a transition to this system, it might be well to ask the Board to select four of its present members for terms expiring in 1974 and 1975, and to propose four other members for terms expiring in 1976 and 1977. The Provost, while not a member of the Editorial Board, would nevertheless meet with them from time to time, especially during this period of re-organization. While it may be appropriate to define the duties of this Board anew, for the present we should like to ask the Board to continue functioning within the definition that has prevailed up till now. If a permanent Director is to be appointed, that might be the best moment to define the Board's duties in any broader fashion.

4. Publishing Profile

It is recommended for austerity guidelines --

- (a) that the present profile of publishing and areas of particular interest to the University be continued in so far as possible;
- (b) that, as fewer books can be published, greater selectivity for quality be exercised;
- (c) that in determining priorities among books, preference be given to series (formal or informal) for which publication subsidies were received from foundations with the understanding that income from books sold be used for the production of new books in the series regardless of whether a formal revolving fund was set up or not;
- (d) that the Press still have the freedom to take advantage of a new, promising field, as was the case with the Mexican-American books;
- (e) that the importation of books (sheets, reproduction proofs, etc.) published in English for an American edition, however small, should be carefully weighed;
- (f) that translations be placed lowest on a list of priorities because translation costs must be added to the already high production costs of a book.

This is a program for long-range editorial policy, which is properly the responsibility of the Board. It seems to us to be well-drawn. The Press cannot but be strengthened if it selects and concentrates upon a few characteristic areas of scholarship which are appropriate to Notre Dame's academic strengths and the Press' own traditions. No Press can do well if it tries to publish in all fields at once.

5. Production

It is recommended that where possible with appropriate books, savings in production costs be made by use of the latest printing and composition methods, for example, IBM composer and typewriter.

Publishing is subject to one of the most inflationary and un-reforming industries in our country: printing. A University Press has every reason to be eager to reduce costs by exploring new methods of production and distribution. The Press is at this time re-contracting its fulfillment service at an annual saving of \$20,000. Other such changes are encouraged.

6. Financing

It is recommended that--

- (a) an annual subsidy equal to the salary budget of the Press be granted by the University to the Press, and
- (b) the write down on books take place after eight years.

The University is presently granting an annual subsidy of \$100,000. Salaries and benefits presently cost about \$75,000. If the Board suggests that the subsidy in fact should cover wages plus another \$50,000 to cover the write-down of books, making a total of \$125,000, this is an increase which we could not at this time justify. It has been decided to change our write down policy from five to eight years (thus postponing all write-downs for three years), and to give an annual subsidy of \$50,000, to be raised to \$100,000 again after write-downs re-commence.

In closing, I should like once again to commend Miss Emily Schossberger for her years of

service as a most resourceful and efficient Director of the Press, well respected throughout university publishing circles. Also a word of commendation is due the Acting Director who succeeded Miss Schossberger, Mr. John Ehmann. If the re-organization which is outlined above is effective in ameliorating the situation of the Press, and if the COUP recommends its continuance, we might reasonably look forward to the appointment of a permanent Director by the summer of 1974.

James T. Burtchae II, C.S.C.

James T. Burtchae II, C.S.C.
Provost

Minutes of the Academic Council February 7, 1973

The Academic Council met on February 7, 1973 and continued discussions on the revision of the Manual.

After lengthy discussion about the size and composition of the Academic Council, the Council voted to add four more elected faculty members to the Council. This brings the membership of the Council to 27 ex officio administrators, 33 faculty (the Chairman of the Faculty Senate is an ex officio member) and seven students.

This action came after the Council rejected a proposal to have a Council of 41 members: 14 ex officio members (including the Chairman of the Faculty Senate), 20 elected faculty, and seven students.

To improve communication between the Academic Council and the Faculty Senate, the Council voted that each College Council designate one of the faculty members elected from the College to the Academic Council as an ex officio member of the Faculty Senate. The Council also gave the Faculty Senate formal access to its agenda by insuring that academic recommendations of the Faculty Senate will be placed on the Council's agenda after referral to the Executive Committee of the Academic Council.

The Council added a sophomore appointed by the President after consultation with the Dean of the Freshman Year and the Student Body President to the University Committee of the Freshman Year of Studies.

The Council added a student, appointed by the President, to the Faculty Board in Control of Athletics.

Respectfully submitted,

F. L. Brown, C.S.C.

Rev. Ferdinand L. Brown, C.S.C.
Secretary to the Academic Council

Minutes of the Academic Council February 20, 1973

The Academic Council met on February 20, 1973 and continued discussions on the revision of the Faculty Manual.

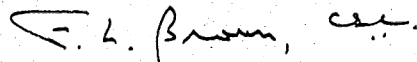
The motion to provide for a University Budget Committee constructed along the lines proposed in the Faculty Senate version of the revised Manual occasioned a lengthy discussion. The motion was defeated by voice vote but the Council did agree to review the desirability of establishing such a budget review committee at the time it considers the report of the Committee on University Priorities.

There was a motion to include in the Manual a section on the Faculty Affairs Committee of the Board of Trustees. This motion stated that this Committee would contain six faculty members nominated by the Faculty Senate and elected to the Board of Trustees by the Fellows of the University. This motion was withdrawn after it was pointed out that such a change in University Bylaws could not properly be part of the Manual. It was agreed, however, that such a recommendation to the Board could be moved and discussed outside the considerations of the Manual.

The proposal of the Steering Committee left student membership on the College Councils and the Graduate Council optional and dependent on the action of the respective Councils. The Academic Council voted to make student membership on the College Councils and the Graduate Council mandatory.

The Council adjourned without completing discussion of the last article of the Manual but did vote to continue the Steering Committee with its present membership for the remainder of this academic year.

Respectfully submitted,



Rev. Ferdinand L. Brown, C.S.C.
Secretary to the Academic Council

Faculty Senate Journal

March 6, 1973

1. The meeting was called to order at 7:35 by the Chairman, Professor Jones. An invocation was given by Senator Tantoco. There were 31 Senators and two graduate student representatives present.
2. The minutes of the November 1, 1972 meeting were approved as published in the Notre Dame Report #6, page 158.
3. The chairman announced several changes to the Senate membership based on substitutions of various faculty members:
 - a. Professor M. Gleason will serve out Professor Hansen's term from the Library.
 - b. Professor R. Leader will serve out Professor B. Norling's term from the College of Arts and Letters.
 - c. Professor F. Dow will serve out Professor Eagen's term from the College of Business.
 - d. Professor Weber has resigned from the Student Life Council and Professor J. Nahas of Engineering will take his place.
4. Treasurer, Professor P. Conway, reported that the present year's budget has a remainder and that there appear to be no substantial bills yet to be paid. Therefore the present year's budget of \$1265.00 is sufficient. Next year's budget has been approved at the same level by Reverend F. Brown, C.S.C.
5. Professor Uhan, chairman of the Senate Student Affairs Committee, reported on progress of the Committee's study on problems concerning Security, the Lewis Hall incident, the Infirmary, and traffic on the campus. No final reports are available yet.
6. No reports were given by the other Senate Committees.
7. Professor Chapin reported on the Student Life Council meetings.
8. Professor Jones reported on the academic council's review of the Faculty Manual revisions:
 - a. The Senate's Resolution on the Psychological Testing Service was discussed and then withdrawn from the Council's agenda.
 - b. A number of the items suggested for Faculty Manual revision by the Senate were reported on as passed, defeated or modified and discussion took place among the Senators present.
9. Professor Chapin moved that the Faculty Affairs Committee of the Senate study the question of procedures in appointments and promotions with particular reference to the relationship between departmental Appointment and Promotion Committees and the Academic Administrators of the University. More particularly, the question of the need for and nature of procedures for resolving differences between departmental Appointment and Promotion Committees and the Academic Administrators of the University. More particularly, the question of the need for and nature of procedures for resolving differences between departmental Appointments and Promotions Committees and the Academic Administration will be investigated. The motion passed without dissent.
10. After some discussion on the Senate's Faculty Manual Revision recommendation concerning a University Budget Committee, Professor Chapin moved that the Senate's Committee on Administration be assigned to investigate further the feasibility of this recommendation. The motion passed.
11. The Senate passed with no dissent the resolution:

Be it resolved that the Faculty Senate, University of Notre Dame requests the University's Academic Council, either separately or

jointly with the Senate, to petition the Fellows of the University of Notre Dame du Lac to elect six (6) members of the faculty to the Board of Trustees.

This resolution will be conveyed to the Academic Council by the Faculty Senate Chairman.

12. Professor Jones reported new business:

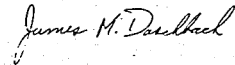
At the April meeting of the Senate nominations for two positions on the Student Life Council and two positions on the Faculty Affairs Committee of the Board of Trustees will be made. The elections are by the entire faculty, therefore a committee to effect the elections will be appointed.

13. A motion was made by Professor Goerner to suggest to the Academic Council a revision of Article II, Section 4. The revision is to add the words "---with the concurrence of the College Council." This addition would make symmetrical the procedure for selecting and approving the major academic administrative offices of the University. The motion passed with 3 votes opposed.

14. Professor Jones reported on a request of the Senate by the Library Faculty to investigate possible improvements in the rush hour traffic problems on Juniper Road. Pedestrian and vehicle traffic congestion is a hazard. The problem was referred to the Student Affairs Committee which is already working on campus traffic problems.

15. The meeting was adjourned at 10:00 P.M.

Respectfully submitted,



James M. Daschbach
Secretary

Meeting of the University Committee on Research and Sponsored Programs December 19, 1972

I. Minutes of Previous Meeting

The minutes failed to reflect the presence at the previous meeting of Professor John Fitzgerald and Professor John Magee. The minutes were modified accordingly and accepted.

II. Report of Subcommittee on Faculty Research Grants

Professor Pierce gave the report. He stated that notice had been given to the faculty that the deadline for proposals was set for December 17. To date thirteen had been received as compared to a total of twenty-seven for the previous year. Review of the proposals was scheduled for the second week of January. The proposed methodology for review would remain the same. Dr. Pierce concluded his report with an observation that the availability of funds for future support of this program was bleak.

III. Report of Subcommittee on Review of Existing University Policies on Research and Sponsored Programs

Professor Thorson distributed copies of an interim report of the Subcommittee (see Appendix 1). /Not included in Notre Dame Report./ The report listed twenty-one statements that the Subcommittee considered represented the main points pertaining to the Kobayashi Manual. Professor Thorson briefly reviewed each of the twenty-one listed points. Several observations were made by the Committee. These were:

1. Relative to Item 8. (Principal Investigator) What is the position of the research faculty? Can they apply as Principal Investigators? (Professor Pollard)
2. There should be a policy on use of laboratory animals. (Professor Pollard)
3. Is the format of the manual acceptable? (Professor Kobayashi)
4. Was Bradley's manual ever approved? (Professor Kobayashi)

After lengthy discussion it was concluded that the Subcommittee should formulate areas for further evaluation and submit them to the Committee at the next meeting. Professor Massey suggested that membership in the Subcommittee be rotated, and toward that end relieved Professor Thorson from the Committee, added Professor Saz and appointed Professor Link as the new Chairman. Professor Link at this point urged all members to submit their ideas to him and other members of the Subcommittee.

IV. Report of Ad Hoc Subcommittee on Leaves of Absence Policy

Professor Magee stated that his group had reviewed the policies of eighteen universities. Eligibility varied and ranged from five semesters to seven years. The implied basis was that anyone with a worthy cause could be approved. The source of approval varied and included department chairman, dean, and other administrative officials. The universities were unanimous on the position that the leaves were for scholarly activity and were to be mutually beneficial. The Subcommittee concluded that their findings were not out of spirit with what we find at Notre Dame. It was Professor Magee's contention that there is really no great problem since the number of requests for leave are small. The Subcommittee did not want to recommend any specific action at this time.

Several questions were raised in the following discussion. The central point related to a draft of a leave policy currently being prepared. Professor Ruey-Wen Liu pointed out the different kinds of leave situations that exist depending on such factors as (1) degree of support; (2) the needs of the University, and (3) the validity of the proposed purpose of the leave of absence. In light of the above and related questions it was decided that the Subcommittee should pursue this area further. Chairman - Professor James Massey relieved Professor Cullity since he was also serving on another Subcommittee and added Professors Kertesz and Mc Comas.

V. Ratification of University Policy on the Use of Human Subjects in Research

The work on this subject was still in process and therefore it was rescheduled for the next meeting.

VI. Recognition of Research at Notre Dame

Considerable discussion and debate arose on this subject. The central points focused on the relative value of research as compared to teaching or other valid faculty efforts. What is the real criteria for promotion? Can a promotion be earned on teaching alone? In this context the recent policy in the Provost's letter of October 1, 1971 (N.D. Report 2) was discussed.

A motion was entered stating that teaching and research be viewed equally. Before the motion was discussed Professor Pollard made a motion that a Subcommittee study the issue. The result was that Professor Pollard's motion was carried. Professor Massey asked Professors, Liu, Fitzgerald, and Kertesz to serve.

VII. Publications of Minutes in Notre Dame Report

A motion was made and seconded to recommend that the minutes (after careful review) be published in Notre Dame Report. The motion carried.

VIII. Report of Vice President for Advanced Studies

See Appendix 2.

Respectfully submitted,

John J. Kennedy

APPENDIX 2

Report of Vice President for Advanced Studies

Summary of Awards Received and Proposals Submitted.

The usual summary for the period, July 1 through November 30, is appended (See Attachment A). While the total number of awards is higher by 8 than that for a comparable period in 1971, the total dollar value has dropped by \$142,939, a continued reflection of the reduced budgets awarded from organizations sponsoring research.

Proposal pressure continues to increase. The Faculty has submitted 16 more proposals this year than were submitted last year. The average dollar value per proposal is almost twice that requested in the equivalent period of one year ago.

I am particularly pleased that the Faculty has come to recognize that even though we do not often obtain the exact amount we request, our requested budgets should realistically address the cost of doing research. Even the Washington agencies, with a few exceptions, state that we should reflect in our requests the true costs for the proposed projects.

Comments on Washington Trends.

Various conversations with high level agency administrators reveal that the agencies are meeting increased resistance in Congress and OMB in selling programs in which no direct spin-off or apparent relevance is present. The answer lies in presenting Congress and OMB with a mixed bag of research and development in which demonstrable value to the nation and to the resolution of present-day problems is a conspicuous element. Translated to the University scene, I think this means that each research program should examine the possibility of contributing to the mixed bag. The nation, the agencies, the University, and the researcher might well benefit if one stops to ask the questions: (1) Does my program have any possible application to a contemporary problem? If so, can I support research into that aspect while at the same time probing other unknown areas? (2) Are there programs and problem areas having a high priority in the funding agencies to which I might contribute and at the same time carry on my basic approach?

I do not believe that in all cases, the two apparently extreme points of view, fundamental vs. applied research, are absolutely incompatible and I reassert that everyone will benefit, if each of us asks ourselves these questions.

Indirect Cost Rates.

At the previous meeting I reported that three of the four DOD rates had been negotiated. The fourth, the off-campus educational services rate, is now available and is included on Attachment B.

Support of the University Computer.

All of you must recognize that the cost of operating the computer is a conspicuous element in the University's annual budget.

At the July 12, 1972 meeting of the University Executive Board for the Computing Center several important decisions were taken. I have delayed giving these to you in the hope that I might at the same time describe the methods of implementation of some of them. But the press of various problems has prevented us from developing procedures and I perceive a need to acquaint the Faculty with the nature of these decisions now.

Four decisions were made:

1. All requests for computer time for research sponsored by outside agencies and that sponsored by the University will be answered by allocation to both Faculty and graduate students through the Office of Advanced Studies.

A mechanism for basic allocation and review procedures for additional requests is under discussion. The system envisions a strong faculty input to decision making. Issues that must be examined include some initial allocation of available computer time between four broad user areas: administration, computing center per se, instruction and research. Questions regarding priorities to research supported by outside funds as opposed to University sponsored research must be answered clearly.

2. Unless specifically stated otherwise, computer funds provided within a grant must be expended through the Computing Center.

This recommendation is designed to provide direct support for the maintenance and operation of the computer. In all of Fiscal Year 1972, a total of \$33,000 was collected from grants and contracts; implementation of the above policy in the present fiscal year has produced already an income of some \$27,000.

3. All computer services for outside sponsored or University sponsored research must be obtained from the Notre Dame Computing Center.

The Center is envisioned as either a provider of adequate service or a broker for same to other sources. The brokerage concept will work to the total benefit of the user and the University since "net-working" to share facilities at peak load times is fast becoming a reality. For example, Notre Dame, Argonne and Associates Investment have interacted to handle overloads at one or the other centers.

4. All budgetary transfers from a specific line item for computing to other line items of computing funds obtained through grants must be approved by the Vice President for Advanced Studies after consultation with the Principal Investigator and the Director for University Computing.

In keeping with the general philosophy of budgeting for the total cost of research, every proposal for a program which envisions the use of the University computer should contain a realistic line item for computer usage and appropriate supplies. Currently the cost for computer usage is \$200 per hour (CPU time). Additional charges for the card punch operation are at the rate of 1¢ per card; card reader, 1¢ per 5 cards; and print out, 5¢ per one-page single ply. For terminal use, there is a \$3.00 per hour connect time charge.

Fringe Benefit Cost Increases.

The recent adoption by the University of a variety of Faculty fringe benefits has necessitated a review of the fringe benefit rate to be incorporated in proposals. I call your attention to NDR No. 7 for 1972-73 in which we indicate the need to use 12% for faculty salaries and 6% for secretaries, technicians and research aides. Research assistants are specifically excluded since the research assistantship is viewed first as an educational opportunity support mechanism and secondly as a work mechanism. With this view, research assistants and graduate assistants are not employees of the University in the true sense of the word and hence do not participate in fringe benefits.

Honorarium Policy.

Shortly the Dean of Continuing Education will issue a policy statement which has been several years in formulation.

Notable, the statement provides for a sharing of "profits" with the participating academic units on University sponsored events; these funds would then be used for support of scholarly work, seed money for research, academic travel and similar needs. The mechanism is similar to that previously used for the Industrial Associates Program. For participation in CCE events sponsored from without the University, a maximum of \$100 per day honorarium may be paid to involved Faculty; this activity is to be viewed and monitored in the light of the University consulting policy.

Attachment A

Office of Advanced Studies Division of Research and Sponsored Programs University of Notre Dame

Summary of Awards Received and Proposals Submitted For the Period July 1, 1972 to November 30, 1972

Awards Received

<u>Category</u>	<u>Number</u>	<u>Amount</u>
Research	47	\$ 843,001
Facilities and Equipment	9	40,900
Educational Programs	17	184,558
Service Programs	4	170,200
Total	77	\$ 1,238,659

Proposals Submitted

<u>Category</u>	<u>Number</u>	<u>Amount</u>
Research	83	\$ 6,517,726
Facilities and Equipment	3	122,205
Educational Programs	16	1,227,374
Service Programs	1	76,000
Total	103	\$ 7,943,305

Comparison with the corresponding period of the preceding fiscal year is as follows:

	July 1, 1971 to November 30, 1971	July 1, 1972 to November 30, 1972
	No. Amount	No. Amount
Awards received	69 \$ 2,603,052 ^a	77 \$ 1,238,659 ^b
Proposals submitted	87 \$ 3,610,959	103 \$ 7,943,305

^a Includes fiscal year 1972 AEC authorization for the Radiation Laboratory amounting to \$1,222,000.

^b Does not include fiscal year 1973 AEC authorization for the Radiation Laboratory

Attachment B

Office of Advanced Studies

Division of Research and Sponsored Programs

Indirect Cost Rates for Fiscal Year 1973

1. Agreement date for Fiscal Year 1973 indirect cost rates: October 16, 1972
2. Research rates:
 - On-campus 57.6% of salaries and wages
 - Off-campus 12.7% of salaries and wages
3. Educational services agreement rates:
 - On-campus 90.8% of salaries and wages
 - Off-campus 14.17% of salaries and wages

Official Enrollment Report Spring Semester, 1973

	FY MEN-WOMEN	AL MEN-WOMEN	BA MEN-WOMEN	EG MEN-WOMEN	SC MEN-WOMEN	TOTALS MEN-WOMEN	TOTALS BY CLASS YEAR
1-1	4-					4-	
1-2	1455- 120	6- 10		1- 1	- 1	1462- 132	1598
2-1		7- 1		3- 1	1- 1	11- 3	
2-2		600- 56	381- 7	212- 8	328- 15	1521- 86	1621
3-1		18- 4	4-	2-	4- 2	28- 6	
3-2		674- 56	367- 35	227- 6	307- 14	1575- 111	1720
4-1		35- 2	4-	8-	3-	50- 3	
4-2		724- 6	327- 21	197- 1	215- 1	1463- 29	1545
5		9-	2-	52-	2-	65-	65
6				4-		4-	4
P-T		2-		1-		3-	3
	1459- 120 1579	2075-135 2210	1085- 63 1148	707- 18 725	860- 34 894	6186- 370 6556	6556
	1st year MEN-WOMEN	2nd year MEN-WOMEN	3rd year MEN-WOMEN	4th year MEN-WOMEN	part time MEN-WOMEN	TOTALS MEN-WOMEN	
LAW	112- 13 125	131- 13 144	183- 2 185	7- 7	1- 1	434- 28 462	462
GRAD						957- 212	1169
GB						156- 7733- 612 8345	156 8345

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