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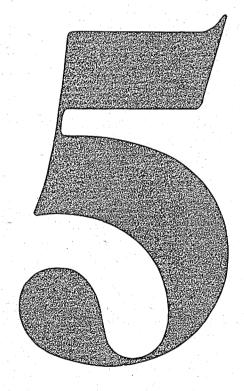
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the university

Memorial Library service hours

During class sessions, the service hours for the University of Notre Dame Memorial Library are:

Reference and Bibliography Department
Monday - Friday 8 a.m. - 10 p.m.
Saturday 8 a.m. - 5 p.m.
Sunday 1 p.m. - 10 p.m.

Periodical Center

Monday - Thursday 8 a.m. - 11:45 p.m. Friday - Saturday 8 a.m. - 10 p.m. 1 p.m. - 11:45 p.m.

College Library -- Intensive Use Collection
Monday - Friday 8 a.m. - 10 p.m.
Saturday 8 a.m. - 4 p.m.
Sunday 1 p.m. - 10 p.m.

Audio-Learning Center and Microform Room Monday - Friday 8 a.m. - 10 p.m. Saturday - Sunday 1 p.m. - 10 p.m.

Closed Reserve Room

Monday - Thursday 8 a.m. - 11:45 p.m. Friday - Saturday 8 a.m. - 10 p.m. Sunday 1 p.m. - 11:45 p.m.

Art Gallery exhibits

A dual exhibition of pre-Columbian sculpture, pottery and textiles, featuring rare Peruvian objects, and the graphic works of German artist Ludwig Meidner will open in the University of Notre Dame's Art Gallery on Sunday, Nov. 12. Rev. Anthony J. Lauck, C.S.C., director of the O'Shaughnessy Hall gallery, said the latter display would be the first full exhibition of the 20th Century expressionist in this country.

The Peruvian display will feature a rare 9th Century hand-woven poncho and 11 remarkably colored textiles from several South American provinces which were recently presented to Notre Dame by Mrs. Everett McNear of Chicago.

D. Thomas Bergen, an American now residing in London, is lending his impressive Meidner collection to

Notre Dame for the second display. Several of the artist's small prints were shown at Notre Dame several years ago in a major expressionist exhibition.

Two lectures have been arranged by the gallery in connection with the exhibits. Dr. Carl W. O'Nell, assistant professor of anthropology at Notre Dame will speak on "Art in the Pre-Columbian Meso-American Context" at 2 p.m. Nov. 12, and Dr. Bruno Schlesinger, director of the Humanistic Studies program at Saint Mary's College, will speak on the Meidner displays at a date to be announced.

The Notre Dame gallery is open weekdays from 10 a.m. to 5 p.m. and from 1 to 5 p.m. on weekends.

Notre Dame Library Association

The Notre Dame Library Association will mark its 10th anniversary with a literary tea at 1:30 p.m., Nov. 16, in the Library Lounge.

Dr. John E. Matthias, assistant professor of English, will read and discuss poetry from his new book, Bucyrus. Past presidents of the Library Association will also be honored at this anniversary meeting, and special guests from libraries in the area have been invited.

The literary tea is open to all quests.

"Continuing Education and Social Responsibility"

Education should help the citizen deal with governmental agencies and bureaucratic institutions which increasingly affect his life, according to a preliminary task force report released at Notre Dame as part of a national study of the future of continuing education.

Prepared as one of four studies, the report is entitled "Continuing Education and Social Responsibility," and is part of an overall study supported by the Kellogg Foundation, chaired by Rev. Theodore M. Hesburgh, C.S.C., president of the University of Notre Dame, and located at the Center for Continu-

ing Education.

In their interim report, the task force on social responsibility contends that "a strong need exists for help with the kind of citizenship required to make institutions responsive to the citizenry; whether it is maintaining one's dignity in the welfare or unemployed sector or dealing with welfare as a tax policy issue; whether it is consumer education at the level of exploitive credit practices or at a level of better rental contracts with tenant rights."

University student judicial board

Selection of the university student judicial board, which seats 13 students and five faculty members, was finalized recently, according to Greg Smith, judicial coordinator.

Faculty members currently serving on the judicial board are: Dr. Michael J. Francis, associate professor of government and international studies, board chairman; Dr. Maurice E. Schwartz, assistant professor of chemistry, board chairman; Dr. Charles J. Arens, assistant professor at the Psychological Research Center; Dr. Michael V. McIntyre, associate professor of law; and Rev. James L. Riehle, C.S.C., dean of students.

Students on the board are Fred Antczak, Mary Ellen Darin, Kelly Flynn, Robert Golden, Stephen Kane, David Kravetz, Rose Lennon, Lawrence Louis, David Nowak, Guy Randles, Greg Smith, Ted Smith, and Don White.

Smith also announced the appointment of Dave Grimmer and Mark Hamilton to the traffic board.

Nobel Prizes

Two recipients of Nobel Prizes in 1972 had previously been honored by the University of Notre Dame.

Dr. Christian B. Anfinson, of the National Institutes of Health and Nobel Prize winner in chemistry (with two others) was a 1971 Nieuwland Lecturer in chemistry at Notre Dame.

Dr. John Bardeen, professor of electrical engineering and physics at the University of Illinois and Nobel Prize winner in physics (with two others) received an honorary Doctor of Science degree at the 1970 commencement exercises at Notre Dame.

Erratum

In Notre Dame Report, Vol. 2, No. 3, page 88, Dr. Kathleen M. Weigert was incorrectly listed as an Instructor among the incoming faculty. Dr. Weigert was on the faculty last year as a part-time instructor and now holds the rank of part-time assistant professor in the Department of Sociology and Anthropology.

faculty notes

University appointments

Mrs. Barbara Kunz has been appointed director of the Notre Dame Law Association.

Non-university appointments

<u>Dr. Edward A. Kline</u>, associate professor and director of Graduate Studies in English, was elected secretary to the section on Computer Research in Language and Literature of the Midwest Modern Language Association at its recent meeting in St. Louis, Oct. 26-28. He will hold that office for one year and succeed to the chairmanship for the 1974 meeting.

<u>Donald E. Sporleder</u>, professor of architecture, was elected first vice president and president elect of the Indiana Society of Architects at the recent ISA annual meeting.

Richard Sullivan, registrar, has been selected by the Indiana Association of Collegiate Registrars and Admissions Officers as a member of the committee to develop a preliminary document for presentation at a workshop during the annual meeting of the American Association of Collegiate Registrars and Admissions Officers (AACRAO) in Los Angeles, Calif., during the week of April 16-20, 1973.

Miscellany

Dr. William B. Berry, professor of electrical engineering currently on leave at NASA-Lewis Research Center under the National Academy of Sciences Resident Research Associateship Program, presented a paper titled "Potential Barrier Determination by Photoemission" on Oct. 9 at the 142nd Electrochemical Society Meeting in Miami Beach, Fla. Dr. Berry acted as chairman of the Solid State Circuits Session at the National Electronics Conference in Chicago on Oct. 10.

<u>Dr. Vincent DeSantis</u>, professor of history, and <u>Dr. John Houck</u>, professor of management, discussed the presidential candidates in a forum titled "A Christian Exploration: Nixon or McGovern?" sponsored by the Office of Campus Ministry on Oct. 29. James

<u>Cooney</u>, executive secretary of the Alumni Association, was moderator.

<u>Leslie G. Foschio</u>, assistant dean of the Law School, addressed a Criminal Justice Coordinating Conference on the subject of Systems Analysis of Court Delay Problems. The conference was sponsored by Indiana University at Bloomington on Sept. 25-26.

<u>Dr. James E. Lindell</u>, assistant professor of civil engineering, presented a paper titled "Hydrogeologic Aspects of Groundwater Pollution from St. Joseph County, Indiana" at the 8th Annual American Water Resources Association Conference in St. Louis in October. The paper was co-authored by <u>Dr. Jerry J. Marley</u>, assistant professor of civil engineering; <u>Dr. Philip C. Singer</u>, assistant professor of civil engineering; and <u>Dr. Erhard M. Winkler</u>, associate professor of geology.

<u>Dr. Basil R. Myers</u>, chairman of the Department of Electrical Engineering, is guest editor of the November, 1972, issue of the Institute of Electrical and Electronics Engineers' Transactions on Education -- a special issue on international education.

Ambrose M. Richardson, chairman of the Department of Architecture, served as a visiting lecturer and panelist at the regional convention of the Western Mountain Region of the American Institute of Architects in Albuquerque, N.M. on Oct. 19-20.

<u>Dr. Samuel Shapiro</u>, associate professor of history, will be the guest of the Wyoming State Archives and Historical Department, Cheyenne, Nov. 29 - Dec. 1, for a series of talks on the necessity of obtaining oral history.

<u>Dr. Mark W. Tenney</u>, associate professor of civil engineering, presented a one hour paper on Vacuum Filtration at the Process Design in Water Quality Engineering Conference at Vanderbilt University from Nov. 6-10.

<u>Dr. Eric J. Van Lantschoot</u>, visiting assistant professor in electrical engineering, presented a paper entitled "The Application of Continued Fractions to the Design of Counters with Rational Scale" at the 2nd International Colloquium on the Design and Maintenance of Logical Automata in Toulouse, France, Sept. 27-28.

Dr. Morris Wagner, professor of microbiology, chair-

ed a session on "Small Laboratory Animal Diseases" at the 23rd Annual Session of the American Association for Laboratory Animal Science on Oct. 19 in St. Louis.

Dr. Robert W. Williamson, Jr., assistant professor of accounting, received the Elijah Watt Sells Certi-

ficate of Honorable Mention at a meeting of the South Bend Chapter of the Indiana Association of Certified Public Accountants. The citation, in recognition of his performance in the Uniform CPA Examination, was one of only 48 awarded by the American Institute of CPA's among 27,800 candidates.

office of advanced studies

Notes for Principal Investigators Policy Statement

Indirect Cost Rate for Government Sponsored Programs

Negotiations for the fiscal year 19/3 indirect cost rate for Government sponsored programs were completed on October 16, 1972. The cognizant Government agency for these negotiations is the Department of the Air Force. Until further notice, the following indirect cost rates are to be used in proposals for Government sponsored programs:

Research Projects:

On-Campus 57.6% of Salaries and Wages

Off-Campus 12.7% of Salaries and

Wages

Education Projects:
On-Campus 90.8% of Salaries and

Wages

Off-Campus (Rate not yet availa-

ble)

Radiation 37.7% of Salaries and Laboratory Wages

The rates are applicable to direct salaries and wages, including holidays, vacations, and sick leave. Fringe benefits such as TIAA, FOAB, Workmen's Compensation, and Blue Cross-Blue Shield should not be included in the base for calculating indirect costs.

Cost-Sharing on Research Grants from U.S. Government Agencies

With the change in the fringe benefit rates listed in Notre Dame Report, No. 1, 1972-73, and the change in the indirect cost rates listed in the preceding note, there will be a change in a numerical factor for calculating the cost-sharing for research grants. Principal investigators are requested to carefully note the footnotes on the sample copy of the Internal Budget which appears at the end of the University policy statement on cost-sharing which was promulgated in December, 1970. The statement is reproduced herewith.

POLICY COVERING COST-SHARING ON RESEARCH GRANTS FROM U.S. GOVERNMENT AGENCIES

Under current federal law, Government agencies which award research grants are required to award an amount less than the full cost of the project. This restriction on grants for research has been interpreted by the Office of Management and Budget to require "more than a token" contribution by the grantee institution. Until recently, the National Science Foundation stipulated that cost-sharing on their research grants be on salary of Faculty in the academic year, with the institution matching any such salary provided by the Foundation.

In 1970, there was a major change in the policy of the National Science Foundation on cost-sharing: "The Foundation is: (a) discontinuing the mandatory faculty salary matching requirement for educational institutions; (b) eliminating cost-sharing data

from proposal and grant budgets and reverting to a one-column proposal budget; (c) eliminating cost-sharing data from fiscal reports; and (d) introducing an institutional or organizational 'averaging' concept of cost-sharing on a fiscal year basis." On each project supported by the National Science Foundation, requiring cost-sharing, educational institutions and non-profit organizations must share in the costs on more than a "token participation" basis. "Token participation" is defined as one percent of the total project cost.

POLICY

Accordingly, to comply with this change in Foundation policy, the University decided to cost-share in the amount of five percent of the total cost of the proposed project, the cost-sharing to be on salary of Faculty in the academic year, together with the associated fringe benefits and indirect administration costs. The rate of five percent is in accord with a University policy on costsharing which was established some years ago, and also in accord with an agreement that the University has with the U.S. Public Health Service (National Institutes of In addition to projects sponsored Health). by the National Science Foundation and the U.S. Public Health Service (National Institutes of Health), the University will apply this policy on cost-sharing uniformly to all other Government-sponsored research projects requiring cost-sharing, unless specified otherwise by the sponsoring agency.

IMPLEMENTATION

For <u>all</u> proposals for support of research which are to be submitted to an agency of the U.S. Government, Members of the Faculty should prepare a budget for each year of the proposed research project in accordance with the attached form. This budget sheet is for internal use only and serves as the basis for the budget to be submitted formally to the sponsoring agency of the U.S. Government. The items to be completed are indicated on the attached form with a check mark (/) or a letter symbol. The footnotes give the procedure for evaluating the items represented by letter symbols. Following are some additional details applicable to the named agencies of the U.S. Government.

For the National Science Foundation

For proposals to the National Science Foundation, Column 2 is the budget to be submitted with the following changes in labelling of Budget Items:

I. Direct Costs Requested K. Total Requested from NSF for (1st), (2nd), or (3rd) year

For the budget which appears in the proposal, all cost-sharing data are to be omitted. Consequently, the percentage of effort for

research during the academic year should not be listed. However, the percentage effort during summer months should be listed because of a National Science Foundation restriction limiting summer support to two months.

In addition to a budget for each year, the National Science Foundation requests that a summary budget be included in the proposal. The following statement <u>must</u> be appended at the end of the summary budget.

The University of Notre Dame will costshare in accordance with current National Science Foundation policy.

For the U.S. Public Health Service (National Institutes of Health)

For proposals to the U.S. Public Health Service (National Institutes of Health), Column 3, Budget Items A through I, will be used as a basis for the completion of budget pages in research project application forms PHS-398 and PHS-2590. Cost-sharing is taken care of automatically through the University's agreement with the U.S. Public Health Service, dated March 1, 1966.

For the U.S. Atomic Energy Commission

For research grant proposals to the U.S. Atomic Energy Commission under their Special Research Support Agreement, Column 3 is the basis for the budget to be submitted. The cost-sharing is to be five percent of the total project cost.

For Agencies of the U.S. Department of Defense

For research proposals to the U.S. Department of Defense agencies which will result in grants, rather than contracts, Column 3 is the basis for the budget to be submitted. The cost-sharing is to be five percent of the total project cost. For contracts, cost-sharing is not required and the total project cost is to be requested.

For the Environmental Protection Agency (EPA)

Research project application forms EPA Form 5700 for the Environmental Protection Agency contains several budget schedules. Columns 1 and 3 are the bases for these schedules. The amounts listed in these columns must be translated into the format of the EPA budget schedules. The cost-sharing is to be five percent of the total project cost.

Special Cases

In cases where academic year salaries of more than one Member of the Faculty are involved, all the cost-sharing may be applied to the academic year salary of the principal investigator. If this is not adequate, the cost-sharing may be apportioned between the several academic year

salaries involved in some appropriate manner. In any case, the total cost-sharing is to be five percent of the total project cost.

For unusual circumstances, Members of the Faculty are requested to discuss in advance, budgets of proposals with the Office of Research and Sponsored Programs, Extension 7378.

INTERNAL BUDGET			
			
Proposal No. (To be completed by the Office of Research and Sponsored	l Programs)		
Principal Investigator:			
	Column 1	Column 2	Column 3
Budget Item	University	Sponsor	Total
A. Salaries and Wages:			
1. Senior Personnel:			
a. Principal Investigator,	- a2	_b 3	
Academic Year, 🗸 %	- a_	a	c
Summer, / %, / months	-		
b	_		 .
Academic Year, %	-,		
Summer, %, months	-		· · · · · · · · · · · · · · · · · · ·
2. Other Personnel:			
a	-	- V	- V
b	-		
d	-	- V	
e	-	V	~
Total Salaries and Wages	-	V -	
B. Fringe Benefits		~	V
C. Permanent Equipment		V	V
D. Expendable Equipment and Supplies		V	V
E. Travel: 1. Domestic		V	V
2. International			•
F. Publication Costs		V	V
G. Computer Costs		V	V
H. Other Costs:		V	~
I. Total Direct Costs	V		V.
J. Indirect Costs, 57.6% of Salaries and Wages	V	~	$-\frac{\nu}{\tau}$ 1
K. Total			T-

(Copies of these internal budget forms are available in the Office of Research and Sponsored Programs.)

¹ T=Total project cost
2 a =0.05T/1.686
3 b = c - a

Information Circular

National Science Foundation (NSF) NSF Increases Science Activities Using Excess Foreign Currencies

NO. FY-73-30

The National Science Foundation is increasing it research support for programs using excess foreign currencies. These are foreign currencies owned by the government but declared excess to normal U.S. requirements by the Treasury Department. They result from foreign payments for U.S. agricultural exports and food aid programs. These excess currencies can be used to great advantage to advance this country's research and science education efforts in a number of fields and to translate foreign science publications.

Projects to be conducted under the Special Foreign Currency Program (SFCP) are designed to be of mutual benefit to the United States and the participating country. The projects enable U.S. and foreign scientists and engineers to exchange information and promote the best use of major research facilities. The projects provide opportunities for U.S. scientists to conduct work abroad which often involves access to unique local resources and research environments.

For fiscal year 1973, NSF received an appropriation from Congress of \$7 million for the special foreign currency program. Congress appropriated \$3 million in FY 1972 for this activity and \$2 million in FY 1971.

The seven nations where these funds are available for new projects are Burma, Egypt, Guinea, India, Pakistan, Poland, and Tunisia.

NSF also coordinates and administers foreign science information programs for 13 other U.S. Government agencies under the excess foreign currency program. In addition to translation activities, the program includes preparation of abstracts, digests, and critical review papers, compilation of annotated bibliographies, and preparation of guides to foreign scientific institutions.

Since 1960, the foreign science information program has translated and published 766,000 pages of foreign scientific literature, 25,500 foreign patents, 66,876 abstracts and digests, 174 issues of annotated bibliographies, and eight directories.

A typical ongoing NSF-funded project under the Special Foreign Currency program is:

A grant to the <u>University of South Carolina</u>, Columbia, funds an intensive geological study of the Atlas Mountains of Morocco. The geological team is headed by Drs. William H. Kanes and John C.

Ferm. Results of the study are expected to increase the understanding of the geological history of Africa and Europe, and of the mineral resources of North Africa.

For more information, contact the Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7378.

Graduate School

Resources for the Future, Inc. Annual Doctoral Dissertation Fellowships in Natural Resources, 1973-74

NO. FY73-GS10

PURPOSE

The purpose of these fellowships is to assist qualified graduate students in completing doctoral dissertation work and to stimulate their interest in the application of social science disciplines to problems in the field of natural resources. The fellowships are designed to enable selected students who have completed all doctoral requirements except the dissertation to devote full time for one academic year to dissertation research.

ELIGIBILITY

Fellowship candidates must be nominated by the academic department in which the student is a doctoral candidate. Direct applications are not accepted. Nomination forms for submission are supplied only to the chairmen of eligible departments. A department may nominate more than one candidate. Eligible departments are:

Economics
Political Science
Sociology
Metallurgical Engineering
Civil Engineering
Engineering Science

Graduate students from other departments, upon recommendation by the Faculty, may contact the Graduate School for nomination forms.

Institutions in the United States or Canada that offer doctoral degrees may nominate candidates. Consideration for nomination should be without regard to whether a student is currently in residence.

Nominees must have completed all requirements for the doctorate except the dissertation before the start of the 1973-1974 academic year.

The research proposed by the candidate must relate to natural resources, their products,

or their services, including land, water, minerals, energy materials, forests, outdoor recreation, fish, wildlife, and air, or any combination of these. It must involve the social sciences or related fields of study, such as economics, economic history, economic geography, business administration, political science, political history, political history, political geography, public administration, planning, sociology, statistics. Interdisciplinary research involving the application of more than one social science or the combination of social science with a physical, biological or engineering science are appropriate. If the study is in the field of agriculture, it should focus on the natural resource characteristics of land and water rather than on agricultural commodities or the problems of individual farm enterprises.

DURATION

The fellowship tenure period will be the regular 1973-74 academic year, consisting of two semesters or three quarters. RFF does not grant additional funds to extend awards beyond their specified period.

AMOUNT

The basic fellowship stipend is \$4,000. A dependency allowance of \$500 is provided for married fellows with children and an additional allowance may be available to cover modest incidental research expenses. Requests for foreign travel will be considered unusual and may be acted upon favorably only where clearly necessary for the collection of primary data, and only for limited periods of time.

Payment is made by a grant to the nominating institution.

CLOSING DATE

Nominations must be received by <u>February 1, 1973</u>.

NOTIFICATION

Nominees will be notified on or about March 15, 1973 of the results of the competition. Fellowship selections will be made with the assistance of an advisory committee of professors. Approximately ten awards will be made.

University of Texas at Austin Lyndon B. Johnson School of Public Affairs, Graduate Fellowships for 1973-74

NO. FY73-GS11

The problem-oriented program of the LBJ School is dedicated to the training of skilled policy analysts whose practical and theoretical background will prepare them for positions of public responsibility. The two-year Master's program offers a series of courses in formal problem-solving that include:

- ...interdisciplinary research seminars directed to such problems of immediate concern as water-resource management, the administration of criminal justice, the delivery of health care, and a variety of other public-policy problems.
- ...seminars in the application of quantitative methods to public-policy decision-making.
- ...practical experience working with government agencies in the development and administration of public policies and programs.

The LBJ School invites applications from students in any academic discipline or profession - the life, physical, or social sciences, humanities, arts, or any professional field - who have an interest in public-policy study, analysis, and research. Students currently enrolled represent a broad spectrum of interests including social scientists, mathematicians, engineers and health professionals.

Each fellowship awarded for the academic year 1973-74 will provide for full-time study.

Awards will be announced by the School's Committee on Fellowships on April 1, 1973.

APPLICATIONS MUST BE RECEIVED BY THE SCHOOL BEFORE MARCH 1, 1973.

To secure an application and additional information write to:

MR. DEAN A. FLING, Assistant to the Dean for Student Affairs LYNDON B. JOHNSON SCHOOL OF PUBLIC AFFAIRS The University of Texas at Austin Austin, Texas 78712

Foreign Area Fellowship Program Fellowships, Internships, and Grants Offered in 1972-73

NO. FY73-GS12

Background Information

The Foreign Area Fellowship Program (FAFP) was established by The Ford Foundation in 1952 to support research abroad for advanced graduate students wishing to combine foreign area and language training with disciplinary specialization. Since 1962 the fellowship program has been under the sponsorship of the American Council of Learned Societies (ACLS) and the Social Science Research Council (SSRC) with financial support from The Ford Foundation. It is guided by the Joint Committee on the Foreign Area Fellowship Program, whose members are the presidents of the sponsoring councils (ACLS and SSRC), the Director of FAFP and representatives of the scholarly community.

The several programs administered by FAFP are designed to offer opportunities for training and research abroad and to encourage cooperation among scholars in the United States and other countries.

FAFP offers fellowships for dissertation research in Africa and the Middle East, East, South and Southeast Asia, and Western Europe to graduate students who are enrolled in full-time study at an American or Canadian institution. The Program also supports limited preparatory training, if required, for special language, area and disciplinary training directly related to the proposed research project and for dissertation write-up. Proposals for studies relating to the

Soviet Union and Eastern Europe should be submitted to the International Research and Exchanges Board - IREX.

For Latin America and the Caribbean, graduate students at institutions in the United States, Canada and the United Kingdom are eligible for fellowships, and advanced students at universities in Latin America and the Caribbean are eligible for collaborative research training fellowships and seminars. Individual scholars from any country may apply for individual or collaborative postdoctoral grants for advanced research. All these programs offer appointments in the humanities and social sciences and, in some programs, the professions.

The Joint Committee on the Foreign Area Fellowship Program approves the nominations of the Screening Committees for each regional program. Screening Committee members review the applications submitted yearly in a national competition, interview candidates and nominate appointees. Membership on the Screening Committees is changed in part each year; a list of members is published in the annual reports of the ACLS and SSRC, as are the names of recipients of fellowships, internships and grants. Appointments are made directly to individuals and not to universities or other organizations. primary consideration in all appointments is adherence to high standards of scholarly competence. This includes: solid grounding in the chosen discipline, language competence, and background knowledge of the area necessary to carry out the proposed research.

Closing dates for applications are in the months of November and December, 1972, and March and May, 1973.

Further information may be obtained from the Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7378.

Current Publications and Other Scholarly Works

SCIENCE

Biology

Hacker, C.S. 1972. Measuring reproductive potential in populations. Mosquito News 32(2):193-196.

McIntosh, R.P. 1972. Forests of the Cakill Mountains, New York. Ecological Monographs 42:143-161. Forests of the Cats-

Tweedell, K.S. 1972. Experimental alteration of the oncogenicity of frog tumor cell-viral fractions. Proceedings of the Society for Experimental Biology and Medicine 140(4):1246-1251.

Chemistry

Kozak, J.J., I.B. Schrodt, and K.D. Luks. 1972. Square-well potential. II. Some comments on critical point behavior and scaling laws. The Journal of Chemical Physics 57(1):206-209.

Microbiology

*Sharon, N., and M. Pollard. 1972. Responses of lymphocytic choriomeningitis carrier mice to X-ray-induced lymphoma. Infection and Immunity 6(3):255-257.

*Under the Lobund Laboratory

Physics

Biswas, N.N. 1972. Possibility of mass separation utilizing multiple nuclear scattering at high energy. Physical <u>Review</u> D6:1927.

Johnson, W.R., and J.B. Mann. 1971. Breit interaction in multielectron atoms. Physical Review A4:41. Marshalek; E.R. 1972. Backward bending in

spherical nuclei. Physics Letters 38B: 367.

Marshalek, E.R. 1972. Calculation of static quadrupole moments and anharmonicity parameters of even tin and tellurium isotopes. Nuovo Cimento Letters 4:631.

Marshalek, E.R., and G. Holzwarth. 1972. Boson expansions and Hartree-Bogoliubov theory. Nuclear Physics Al91:438.

ARTS AND LETTERS HUMANISTIC AND SOCIAL STUDIES

Economics

Davisson, W.I., and F. Bonello. 1972.
Computer assisted instruction in Economics at the University of Notre Dame. Pages 137-154 in Proceedings of the 1972 conference on computers in the undergraduate curricula (Georgia Institute of Technology).

Masters, S.H., and T.I. Ribich. 1972. Schooling and earnings of low achievers: The American Economic Review comment. $57(4):755-\overline{759}$.

Jameson, K.P. 1972. The castle or the tipi: rationalization or irrationality in the American economy. The Review of Politics 34(4):13-25.

Education

Lee, J.M. 1972. Prediction in religious instruction. The Living Light: A Religious Education Review 9:43-54.
Lee, J.M. 1972. Three approaches to preparing professional religious educators:

the Notre Dame approach. The Living Light: A Religious Education Review 9:22-25.

English

Callahan, P.J. 1971. Under the elm. Poem. Husson Review 5:18.

Government and International Studies

Francis, M.J. 1972. La ayuda económica de Estados Unidos a América Latina como instrumento de control político. Foro Internacional 12(4):433-452.

Philosophy

Delaney, C.F. 1972. Sellar's grain argument. Australian Journal of Philosophy 50:14-17.

Sociology and Anthropology

Weigert, A.J., C. Buehler, and G. Hesser. 1972. A study of articles on religion in major sociology journals: some preliminary findings. Journal for the Scientific Study of Religion 11:165-170.

Theology

Storey, W.G. 1972. The de quatuor virtuti-bus cardinalibus pro eruditione principum of Michael the Carthusian of Prague. critical text and study. Analecta Cartusiana, VI, Salzburg, Austria. 205pp.

General Program of Liberal Studies

Crowe, M.J., et al. 1972. A new age in science and technology? Review of Politics 34(4):141-153.

BUSINESS ADMINISTRATION

Accountancy

Wittenbach, J.L. 1972. Maximizing cash flow benefits provided by the new tax incentives. Oklahoma CPA 11(1):21-24.

Finance and Business Economics

Cho, J.H. 1972. Review of the growth of economic thought by H.W. Spiegel.

Review of Social Economy 30:175-176.

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Management

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Closing Dates for Selected Sponsored Programs

Agency	Programs	Application Closing Da	
American Academy in Rome	Fellowships	December 31,	1972
American Association of University Women	Fellowships for Women	December 1,	
American Council of Learned Societies	Grants for Research on South Asia	December 1,	1972
	Grants for East European Studies	December 31,	1972
강이는 경찰 하다. 불류하다고 있는 것은 물론입니다	Grants for Soviet Studies	December 31,	1972
American Heart Association	Joint Funding Research Fellow	January 1.	1973
American Institute of Architects	The Arnold W. Brunner Scholarship	January 15,	1973
American Philosophical Society	Grants for Research		1972
Argonne National Laboratory	Summer Research Participation at AEC		1973
	Laboratories		
Belgian American Educational Foundation	Fellowships	January 10,	1973
Business and Professional	Sally Butler International Scholarship	January 1,	1973
Women's Foundation	for Latin		100
되는 이름을 보는 공급적으로 하면 하는 모델에 다.	Graduate Fellowships	January 1,	1973
Committee of the International	1973-1974 NATO Fellowship and	NATO: December 1,	
Exchange of Persons	SEATO Awards	SEATO: January 1,	1973
Commission on the White House Fellows	White House Fellows	December 15,	1972
East-West Center	East-West Center	December 15,	1972
Ford Foundation and National Fellowship Fund	Graduate Fellowship Program for Black Americans, American Indians, Mexicar Americans, Puerto Ricans	January 5,	
Foreign Area Fellowship Program	Fellowships, Internships, and Grants offered in 1972-73	December,	1972
Harvard Law School	Liberal Arts Fellowships in Law	January 15,	1973
Health Services and Mental Health Administration	Research Fellowships	January 2,	
Henry E. Huntington Library and Art Gallery	Fellowships	December 31,	1972
International Research and	Exchange Programs with Foreign	various, some	
Exchanges Board	Countries		1972
Manpower Administration	Manpower-Related Doctoral Dissertation Grants		1973
	MDTA Research Projects	January 1,	1973

	National Association of	Grants for Research in Broadcasting	January 1, 1973
	Broadcasters National Endowment for the Humanities	Education Programs	January 1, 1973 (development)
	Tullian (C) es	Youth Grants in the Humanities	December 3, 1972
	National Center for Atmospheric Research	Graduate Fellowships in the Atmos- pheric Sciences	January 15, 1973
		Postdoctoral Appointments	January 1, 1973
٠.	National Institutes of Health	Research Career Development Awards	December 1, 1972
		Research Development Program	December 1, 1972
		Postdoctoral and Special Research Fellowships	January 2, 1973
	National Research Council	Postdoctoral Research Associateships	January 15, 1973
	National Science Foundation	Scientists and Engineers in Economic Development Program	December 15, 1972
		State and Local Intergovernmental	December 31, 1972
		Science Policy Planning Program	
		Engineering Research Initiation Grants	December 1, 1972
		Regional Research Conferences in	December 1, 1972
		Mathematical Sciences	in the second of
	National Tuberculosis and	Research Grants	December 1, 1972
	Respiratory Disease Association		
	North Atlantic Treaty Organi-	Research Fellowships in the Humanities	early winter
	zation	and Social Sciences	
	Office of Water Resources	Water Resources Research	January 10, 1973
	Research		
	Organization of American States	Fellowship Program	December 31, 1972
	Population Council	Study Fellowships in Demography	December 1, 1972
	Smithsonian Institution	Woodrow Wilson International Center	January 1, 1973
		for Scholars	January 15, 1973
		Smithsonian Predoctoral Fellowships Smithsonian Fellowships	January 15, 1973
			and the state of t
	Social and Rehabilitation Service	Development and Expansion of Under- graduate and Graduate Programs in Social Work	January-February, 1973
		Training and Curriculum Development	January 1, 1973
		in the Field of Aging	oanuary 1, 1575
		Child Welfare Training Center	January-February,
			1973
	Social Science Research Council	Training Fellowships	December 1, 1972
	region and the second of the s		liminary inquiries)
	Society for Religion in Higher	Fellowships for Cross-Disciplinary	December 1, 1972
	Education	Study Involving Religion	D
	U.S. Atomic Energy Commission	Faculty Research Participation at	December 31, 1972
	II C Damantmant of Househor and	AEC Laboratories City Planning and Urban Study	January 15, 1973
	U.S. Department of Housing and Urban Development	Fellowships	candary 15, 1575
	U.S. Department of Transporta-	University Research and Training in	December 1, 1972
	tion	Urban Mass Transportation	
	U.S. Office of Education	Environmental Education Programs	Late fall or early
			winter, 1972
		Interinstitutional Cooperative Research Abroad	December, 1972
		Preparation of Professional Personnel to Educate Handicapped Children	December 15, 1972
		Research in Modern Foreign Language	December 15, 1972
		Instruction	
		Language and Area Centers	December 15, 1972
		Bilingual Education for Children	January, 1973
		from Low-Income Families	
	[배발 시발발 기본도 하시 기본 발생에 기본 시간	Child Service Demonstration Program	January 15, 1973
	일본하는 경찰에 가는 그를 보는 사람들은 모든 것이다.	Centers and Services for Deaf-Blind	January 15, 1973
		Children	
		Upward Bound_	mid-January, 1973
	기타이 살이다고 있는 그 사람들은 그 그리는 이번 모양하다.	Educational Talent Search	mid-January, 1973
	University of Alberta	Izaak Walton Killam Memorial	January 1, 1973
	Unduration of Battalan	Postdoctoral Fellowships	lanuany 15 1072
11	University of Pittsburgh Wenner-Gren Foundation for	Andrew Mellon Postdoctoral Fellowships Grants-in-aid	January 15, 1973 December 31, 1972
	Anthropological Research	g urunus in natuu Aasta ka saasta ka ka saasta k	200m201 013 12/2

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Committee on University Priorities

Membership on the four task forces created by Notre Dame's Committee on University Priorities has been announced by Rev. James T. Burtchaell, C.S.C., provost and chairman of the Committee.

Members of the task force for research and instruction are:

Rev. Ernan McMullin, professor of philosophy Chairman

Rev. Paul Beichner, C.S.C., professor of English

Dr. Robert Gordon, vice president for advanced studies

Dr. Robert Hentz, faculty fellow in the Radiation Laboratory

Mr. Kenneth Jameson, assistant professor of economics

Sister Madonna Kolbenschlag, instructor in English

Dr. Jerome Novotny, professor of aerospace and mechanical engineering

Dr. Louis Pierce, professor of Chemistry

Dr. Arthur Rubel, professor of sociology and anthropology

Dr. Marshall Smelser, professor of history

Members of the task force for academic disciplines are:

Dr. O. Timothy O'Meara, professor of mathematics Chairman

Rev. James T. Burtchaell, C.S.C., provost

Dr. Nicholas Fiore, associate professor of metallurgical engineering

Mr. Clifford Losh, senior in the Department of Accountancy

Dr. James Massey, professor of electrical engineering

Dr. Paul Moo, professor of law

Mr. Frank Palopoli, graduate student in the Department of Government and International Studies

Dr. Ellen Ryan, assistant professor of psychology

Dr. Ernest Sandeen, professor of English Dr. Paul Weinstein, professor of biology

Members of the task force for physical facilities are:

Dr. James Daschbach, associate professor of aerospace and mechanical engineering

Rev. James Flanigan, C.S.C., associate professor of art

Mr. James W. Frick, vice president for public relations and development

Dr. Yusaku Furuhashi, professor of marketing

Mr. Herman Hundere, resident architect of Ellerbe Associates, Inc.

Mr. William Loughran, senior in the Department of English

Miss Patricia 0^{T} Hara, student in the Law School

Dr. Ray Powell, professor of accountancy

Mr. Ambrose Richardson, professor of architecture

Brother Kieran Ryan, C.S.C., assistant vice president for business affairs

Members of the task force for enrollment are:

Rev. David Burrell, C.S.C., associate professor of theology and philosophy Chairman

Mr. Howard Bathon, senior in Arts and Letters and Department of Chemical Engineering

Mr. Leo Corbaci, dean of administration

Mr. Carl Ellison, senior in the Department of English

Miss Julienne Emperic, graduate student in the Department of English

Mr. John Goldrick, director of admissions

Mr. Daniel O'Brien, alumnus of Notre Dame, stockbroker with Roney and Company

Dr. Julian Samora, professor of sociology and anthropology

Dr. Thomas Shaffer, dean of the Law School

Dr. Albin Szewczyk, professor of aerospace and mechanical engineering

Academic Council---1972-1973

Ex Officio Members

Ex Officio members of the Academic Council for 1972-1973 are Rev. Theodore M. Hesburgh, C.S.C., president; Rev. James T. Burtchaell, C.S.C., provost; Rev. Edmund P. Joyce, C.S.C., executive vice president; Rev. Ferdinand L. Brown, C.S.C., associate provost; Dr. Philip J. Faccenda, acting vice president for student affairs and vice president and general counsel; Rev. Jerome J. Wilson, C.S.C., vice president for business affairs; Mr. James W. Frick, vice president for public relations and development; Dr. Robert E. Gordon, vice president for advanced studies; Dr. William M. Burke, assistant provost; Professor Leo M. Corbaci, dean of administration; Professor Frederick J. Crosson, dean of the College of Arts and Letters; Dr. Bernard Waldman, dean of the College of Science; Dr. Joseph C. Hogan, dean of the College of Engineering; Professor Thomas T. Murphy, dean of the College of Business Administration; Professor Thomas Shaffer, dean of the Law School; Dr. Thomas P. Bergin, dean of the Center for Continuing Education; Rev. Robert J. Austgen, C.S.C., director of the summer session; Dr. Emil T. Hofman, dean of the Freshman Year of Studies; Mr. Richard Sullivan, registrar; Professor John J. Fitzgerald, acting director of the Center for the Study of Man; Professor Thomas F. Broden, director of the Institute for Urban Studies; Professor Morris Pollard, director of the Lobund Laboratory; Professor John Magee, director of the Radiation Laboratory; Mr. David Sparks, director of libraries; Mr. John Goldrick, director of admissions; Professor Gerald Jones, chairman of the faculty senate; and Mr. Edward Ellis, student academic commissioner.

Elected Members

Elected members from the <u>College of Arts and Letters</u> are Professor Paul Bartholomew, government; Professor Arthur Rubel, sociology; Rev. David Burrell, C.S.C., theology; Professor Dennis Dugan, economics; Professor Matthew A. Fitzsimons, history; Professor Philip Gleason, history; Professor Edward Goerner, government; Professor Ralph McInerny, philosophy; Rev. Ernan McMullin, philosophy; Professor Bernard Norling, history; and Professor Edward Vasta, English.

Elected members from the College of <u>Business Administration</u> are Professor David L. Appel, marketing, and Professor Robert W. Williamson, accountancy.

Elected members from the <u>College of Engineering</u> are Dr. Charles Allen, metallurgical engineering; Professor Stuart McComas, College of Engineering; Professor Mark W. Tenney (substitute for Professor Sain), civil engineering; and Professor A.J. Quigley, electrical engineering.

From the <u>College of Science</u>, elected members are Professor Jeremiah P. Freeman, chemistry; Professor Charles J. Mullin, physics; Rev. Michael J. Murphy, C.S.C., geology; Professor O. Timothy O'Meara, mathematics; Professor Kenyon S. Tweedell, biology; and Professor Morris Wagner, microbiology.

Professor Francis X. Beytagh is the elected representative from the Law School.

From the Library, elected representatives are Miss Eileen Conley and Mr. John Philippsen.

Mr. Lewis Perkey, radiation laboratory, is the elected representative of the <u>Professional</u> Specialist Faculty.

Student Representatives are Michael Cunningham, Law School; Frank Palopoli, Graduate School; Mr. Alfred J. Giuffrida, College of Arts and Letters; Mr. Christopher A. Nedeau, College of Business Administration; Mr. James E. McLaughlin, College of Engineering; and Mr. Thomas C. Fenzl, College of Science.

Observers

Official observers of the Academic Council are Richard Conklin, Notre Dame public relations; Sr. Rosaleen Dunleavy, C.S.C., Saint Mary's College; Dr. Bruno Schlesinger, Saint Mary's College.

Minutes of the Academic Council Meeting October 23, 1972

The Academic Council met on October 23, 1972 and considered these items of business:

Item I: Observers.

Sister Rosaleen Dunleavy, C.S.C., of the Department of Biology at Saint Mary's College, was introduced. Sister and Dr. Bruno Schlesinger, chairman of the Humanistic Studies Program at Saint Mary's College, are observers from Saint Mary's to the Notre Dame Academic Council.

Professor Frederick J. Crosson, dean of the College of Arts and Letters and Professor John L. Fitzgerald, acting director of the Center for the Study of Man, will be observers from the Notre Dame Academic Council to Saint Mary's Academic Affairs Council.

Item II: Student Members.

- 1. Two new student members of the Council were introduced:
 - Mr. James E. McLaughlin of the College of Engineering
 - Mr. Thomas C. Fenzel of the College of Science
- Father Hesburgh announced the Board of Trustees had approved the action of the Academic Council at the meeting of October 9, 1972 to continue student membership on the Academic Council according to the policy of the Council as determined September 20, 1970 until a new <u>Manual</u> has been approved.

Item III: Election to Steering Committee.

Mr. Edward Ellis, student academic commissioner, was elected to the Steering Committee to fill a vacancy created by graduation of a student member of this Committee.

The complete membership of the Steering Committee is now as follows:

Elected Members:

- Dr. Frederick J. Crosson, dean of the College of Arts and Letters
- Mr. Edward Ellis, student academic commissioner
- Dr. Jeremiah Freeman, chairman of the Department of Chemistry
- Dr. Robert E. Gordon, vice president for advanced studies
- Dr. Joseph C. Hogan, dean of the College of Engineering Rev. Ernan McMullin, Department of Philosophy
- Dr. Thomas Shaffer, dean of the Law School
- Dr. Bernard Waldman, dean of the College of Science

Ex Officio Members:

- Rev. James T. Burtchaell, C.S.C., provost
- Rev. Ferdinand L. Brown, C.S.C., associate provost

Item IV: Report of the Committee to Consider Physical Education Requirements for Freshmen.

In January of 1972 a Committee of the Academic Council was appointed on behalf of the Steering Committee to consider several questions concerning the long standing Physical Education requirements for freshmen at Notre Dame. These questions had been raised in the contexts of possible unification of Saint Mary's and Notre Dame, and the decision to accept young women as students at Notre Dame. Members of this Committee were:

Dr. Charles Allen, chairman

Dr. David Appel

Dr. Paul Bartholomew

Mr. David Kopana

Dr. Kenyon Tweedell

Dr. Edward Vasta

This Committee submitted its final report on May 8, 1972. In brief, the Committee recommended:

- The present physical education requirements for freshmen be maintained with the hope that still further diversification of the program activities may be developed, and that --
- Dean Hofman's proposal to incorporate women undergraduates directly into the existing program be accepted.

Copies of the complete report of this Committee were distributed to members of the Academic Council at the meeting of October 9, 1972.

At this present meeting Professor Allen discussed the report briefly and \underline{moved} it be accepted by the Council. The motion was seconded and after brief discussion was $\underline{approved}$ by voice vote.

Item V: Procedure for Revising the Faculty Manual.

 Father Burtchaell, as chairman of and in behalf of the Steering Committee, presented this motion:

Motion:

That the Academic Council address itself to the draft of the revised $\underline{\mathsf{Manual}}$ prepared by the Steering Committee of the Academic Council

A lengthy discussion followed. Some members of the Academic Council preferred using the Faculty Senate's proposed revision as the basic text for discussion. It was noted that use of the Steering Committee's proposed revision as the basic text did not preclude discussion of any issue.

The motion was approved by voice vote.

Father Burtchaell presented in the form of a motion these steps for further procedure:

Motion:

That later in this meeting members of the Council direct questions about the proposed revision to members of the Steering Committee; that written proposed amendments be sent to the Steering Committee before the next meeting of the Council; that the Steering Committee present an amended text before the next meeting of the Council; that at the meeting of the Council an item-by-item discussion of the proposed revised text begin.

This motion was approved by voice vote.

Item VI: Tenure.

The proposed revision of the section of the <u>Faculty Manual</u> dealing with tenure was discussed at great length. Questions raised in the discussion pointed up the need for further revision and clarification. The Steering Committee will present a revised version of its proposed text at the next meeting of the Council.

Item VII: Discussion.

The last few minutes of the meeting were devoted to general discussion of the revised

text as proposed by the Steering Committee. Some questions were directed to members of the Committee about specific points and suggestions.

Respectfully submitted,

J. L. Brown, csc.

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

October 27, 1972

Reinhold Niebuhr Award

When Father Hesburgh and Chancellor Willy Brandt of West German were recipients of the first Reinhold Neibuhr Award recently, Father Hesburgh accepted his award and announced that he would place his \$5000 prize into Notre Dame's endowment to underwrite a similar award to be given annually to a member of the Notre Dame community.

Effective this 1972-73 academic year, a Reinhold Niebuhr Award will be made to a student, faculty member or administrator whose life or writings promote or exemplify the lifelong theological and philosophical concerns of Reinhold Niebuhr, particularly in the area of social justice in modern life.

The committee to select the winner of this award is the following:

Dr. Gerhart Niemeyer, emeritus professor of government and international studies, Chairman

Sister Dolores Dooley, graduate student in philosophy Dr. Julian Pleasants, assistant professor in microbiology Mr. Neil Rosini, undergraduate senior, English major Rev. Charles E. Sheedy, C.S.C., professor of Theology

Dean Joseph C. Hogan College of Engineering Box 309 Notre Dame, Ind. 46556

notre dame report

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November 10, 1972

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