

'72-'73

# notre dame report

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October 27, 1972

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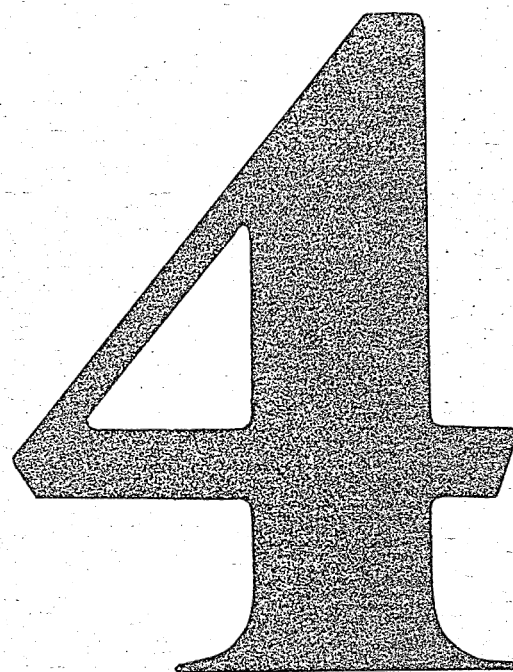
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# the university

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## Father Hesburgh's report to the faculty

In a wide-ranging report to the University of Notre Dame faculty Oct. 11, Rev. Theodore M. Hesburgh, C.S.C., president, announced that the University had been able to overcome a projected deficit to finish the 1971-72 fiscal year in the black.

The University had predicted its fourth deficit in five years -- \$702,300 -- but managed an operating cash surplus of \$187,700, Notre Dame's president said.

Father Hesburgh explained that actual income was almost identical to budgeted income, and that the improvement was due entirely to tight control on expenditures, including \$518,000 saved in the University's four undergraduate colleges, \$200,000 in unspent reserves for contingencies, and \$172,000 in economies effected in areas ranging from the library to alumni publications.

"There was hardly a part of the University which did not tighten its belt," Notre Dame's president said. As a way of thanking its faculty and staff as well as "an act of faith in our ability to keep in the black," Father Hesburgh said the University would immediately assume the entire cost of medical and hospitalization insurance for faculty and qualified employees. Half the cost was assumed last July 1 by the University, and assumption of the rest was not scheduled until July 1, 1973.

In the context of discussing surveys of American higher education by the Carnegie Commission on Higher Education, on which he sits, Father Hesburgh sounded an optimistic note in terms of Notre Dame's future but warned that costs in higher education will probably continue to rise more steeply than income, necessitating either federal funding or increased giving on the part of the University's constituencies.

## Blue Cross changes

To: All Members of the Faculty and Staff Administrators (Executives, Managers and Specialists)

Re: Blue Cross-Blue Shield

In his address to the faculty on Oct. 11, the President of the University, Rev. Theodore M. Hesburgh, C.S.C., announced further changes in the fringe benefit, Hospital-Surgical Insurance coverage.

The University now will contribute the full cost of the Blue Cross-Blue Shield premiums for full time faculty members and staff administrators (all Executives, all Managers and also for those Specialists who have completed five years of service at the University). The benefit was made retroactive to July 1, 1972.


Effective with the October checks, no deductions will be made for those mentioned above who are participants in Blue Cross-Blue Shield. Deductions were made for the months of July, August and September under the former benefit, one-half premium cost contribution by the University. Refund checks will be prepared and mailed out now and throughout the month of November.

Those Faculty members and Staff Administrators who do not have Blue Cross-Blue Shield coverage and who desire to join this program are invited to visit the Personnel Office now and throughout the month of November to complete an application.

Blue Cross-Blue Shield is the official carrier for the University's Hospital-Surgical insurance coverage. Contributions to outside carriers will not be permitted from this time on.

*J. F. O'Brien*

Joseph F. O'Brien  
Director of Personnel



## Final enrollment figures

Final enrollment figures for the 1972 fall semester at Notre Dame and six overseas programs indicate a total of 8,557 students, an increase over last year's record 8,237. The figure includes 6,722 in undergraduate colleges and the Freshman Year of Studies program, and 1,825 in Law School and other graduate programs.

Increases were noted in all the undergraduate colleges with the largest enrollment spurt reported by the College of Business Administration, 1,161 compared to last year's 976. Arts and Letters enrollment is 2,267, up from last year's 2,255, Science gained 100 to stand at 923, and Engineering is 757, an increase of seven. Only Freshman Year showed a slight decrease, 1,614 compared to last year's 1,635.

Law School enrollment dropped from 499 to 468, graduate programs increased from 1,142 to 1,202, and the master's program in Business Administration went from 157 to 165. The Law School enrollment includes 59 women, compared to last year's 37, and 20 students in the second year program conducted in London. There are 14 part-time students of law this year, compared to four last year.

Enrolled on the overseas campuses this year are 224 Notre Dame students, an increase of 52 over the 1971 figure of 172. These include 59 at Innsbruck; 47 at Angers, 17 in Mexico City, 18 in Sophia, Japan, and 57 in Rome.

## Review of Politics


The October issue of the Review of Politics is an "effort to comprehend the riddle of America," according to its editor, Dr. Ronald Weber, associate professor of American Studies.

Dedicated to the theme "America in Change: Reflections on the 60's and 70's," the special issue features essays by Notre Dame faculty on change in society, religion and philosophy, science and technology, and arts and the media. The Review of Politics is published quarterly at Notre Dame, and is generally edited by Dr. M.A. Fitzsimons, professor of history.

## Art Gallery graphics

Six noteworthy graphics dating from the Sixteenth Century have been acquired by the University of Notre Dame's Art Gallery with funds from the Mr. and Mrs. Roman J. Radecki purchase fund.

Possibly the most important engraving in the group is a large "Adoration of the Magi" by the Flemish engraver Hendrik Goltzius who has been described by art authorities as "the most skilled" since Albrecht Durer.



The fund also enabled the Notre Dame gallery to purchase its first engraving by the well-known

Eighteenth Century English satirist, William Hogarth.

A cliché-verre or etching on glass by Theodore Rousseau, an engraving by Johann Theodore de Bry, an etching by Harold Altman, and a lithograph by Corneille rounds out the new additions

## Undergraduate financial aid

Fifty-five per cent of the University of Notre Dame undergraduate enrollment is receiving financial aid this year, according to a preliminary report completed by the Office of Financial Aid and Scholarships. The figure is approximately the same as last year and represents scholarships, loans, grants-in-aid and other forms of assistance for 3,693 students in the 6,722 student body.

The total of \$5,981,324 in student aid administered by the University represents an average award of \$1,166, an increase over the \$998 average of last year.

University administered scholarships from endowed funds and contributions total \$811,925, an increase over last year's \$797,736. Outside scholarships, including state assistance and those grants brought to the University, are listed at \$1,427,383, and ROTC awards total \$841,132. Added to these totals are more than \$1.4 million in grants-in-aid and part-time employment, and \$1.5 million in loan assistance.

Financial aid to minority undergraduates totals \$508,853. Seventy-two per cent of the incoming freshmen from minority groups are receiving financial aid.

## United Way campaign

Pledges and gifts from the Notre Dame community to the United Way campaign reached 56 percent of the \$42,000 goal during the first two weeks of the 1972 campaign.

The Personnel Office is accepting last minute commitments for the fund.

## Equal Employment Opportunities complaints

The University in January, 1970, appointed Thomas F. Broden, Director of the Urban Studies Institute, as the Equal Employment Opportunities Officer for academic personnel and departments. Brother Kieran Ryan, C.S.C., Assistant Vice President for Business Affairs, was named E.E.O. Officer for non-academic personnel and departments. The complaint procedure was also established as University policy in January, 1970.

Members of the faculty and staff of any academic department, who have reason to believe that they have been affected as a result of discrimination, should report the matter to their Departmental Chairman or Supervisor. In the event a complaint cannot be resolved at this level, then the complaint should be submitted in writing to the Chief Academic Officer within the College or Institute. If it is not resolved satisfactorily at that level

then the complaint will be submitted to the Equal Employment Opportunities Officer.

The E.E.O. Officer will conduct an investigation and if he cannot resolve the matter satisfactorily he will send his findings and recommendations to the President of the University for appropriate action. The complainant will be advised of the final decision by the E.E.O. Officer.

Staff members in non-academic departments who have reason to believe they have been affected by discrimination should report complaints through the following channels: first, to their Supervisor; then to the Director of Personnel; then in writing to the E.E.O. Officer. If the case is not resolved satisfactorily at any of these levels, then the E.E.O. Officer will send his findings and recommendations to the President of the University for appropriate action as outlined above.

If a complainant is not satisfied with the final decision, he or she may request a review by the State Civil Rights Commissioner.

# faculty notes

## Non-university appointments

Dr. Wayne F. Echelberger, Jr., associate professor of civil engineering, has been appointed as a scientific and technical reviewer for research and demonstration grant projects for the Environmental Protection Agency. New grant review procedures will include both in-house and extramural reviewers. He will serve as an EPA Project Reviewer for the coming year.

Dr. Nicholas F. Fiore, chairman of the Department of Metallurgical Engineering, has been appointed as a member of the Advisory Panel to the National Research Council's Solid State Sciences Committee. He will serve until Dec. 31, 1974.

Dr. Edward Jerger, associate dean of the College of Engineering, has been elected to the executive board of the Professional Society for Protective Design and assigned as the director of the Natural Disaster Technical Division. Dr. Jerger was also reelected to a second term as vice president of Pi Tau Sigma, the mechanical engineering national honor society.

Frank G. Kelly, director of development at Notre Dame, has been named to a second term on the Committee on Taxation and Philanthropy of the American College Public Relations Association.

Dr. Paul P. Weinstein, chairman of the Department of Biology, has been elected to the Advisory Scientific Board of the Gorgas Memorial Institute of Tropical and Preventive Medicine.

## Miscellany

Dr. Hafiz Atassi, assistant professor of aerospace and mechanical engineering, was invited to spend the month of August at Cornell University's Graduate School of Aerospace Engineering where he participated in a research program. On Aug. 4, Dr. Atassi gave a seminar at Cornell entitled "A Unified Kinetic Theory Approach to External Non-equilibrium Flows."

Dr. Paul C. Bartholomew, professor of government and international studies, was a speaker at Ancilla College, Donaldson, Ind., on Oct. 11. His topic was "The Constitution and the Individual."

Rev. Paul E. Beichner, C.S.C., professor in the Mediaeval Institute, spoke on "Manuscript Books" as an introduction to the Oct. 1 - Nov. 19 exhibit in the Art Gallery on "Thirteenth to Fifteenth Century Miniatures from the Lessing J. Rosenwald Collection of the National Gallery of Art."

Dr. Horace Carby-Samuels, visiting assistant professor of economics, presented a paper entitled "Economists and the Minority Economy" and participated in the Workshop of the Black Economists Development Project, Atlanta, on Sept. 28 - 30.

Dr. William I. Davisson, associate professor of economics, will serve as commentator for the session "The Slave Trade in America: An Island and a Mainland View," at the sixth annual History Forum sponsored by Duquesne University, Pittsburgh, Pa. Dr. Davisson will speak on Nov. 3. Other Notre Dame faculty members participating in the forum are Dr. Deirdre LaPorte, visiting assistant professor in the General Program, speaking on "Theories of Fire in the 18th Century" on Nov. 2; Dr. John Lyon, associate professor in the General Program of Liberal Studies, presenting an address entitled "The Future Isn't What it Used to be: Some Reflections on the Role of the Idea of Progress in Modern Historiography," on Nov. 2; and Dr. James E. Ward, associate professor of history, who will present "Scenes and Songs from the French Revolution" on Nov. 3.

Rev. John S. Dunne, C.S.C., professor of theology, writes from Yale where he is on leave, that MacMillan is going to reissue his first book, the City of the Gods, in paperback.

Dr. Walter J. Gajda, Jr., assistant professor of electrical engineering, participated in a 10-week Summer Faculty Fellows program at the NASA-Langley Research Center in Hampton, Va., where he carried out research in the areas of charge couples optical imaging arrays and magnetic bubble memories. Some of the results of his work will be presented at the 1972 IEEE Electron Devices Meeting in Washington, D.C. Dec. 4-6 in a paper titled "Preliminary Results of a Photoconductive Determination of the Optical Properties of Polycrystalline Silicon."

Rev. Robert E. Kerby, professor of history, presented a paper entitled "Confederate Southwest and Prospects for Confederate Independence" on Oct. 12 at Yale University for the Western Historians Conference.

Dr. James Michael Lee, professor in the Department of Graduate Studies in Education, participated as a discussant and reactor at the second annual meeting of the Association of Directors of Graduate Religious Education Programs, and was elected to serve on the committee which would draw up a constitution for the newly-established association.

Dr. Carl J. Magee, assistant professor of electrical engineering, was a visiting professor under the auspices of O.A.S. at the University of Chile in Santiago, Chile, where he presented an eight-week special course on "Design of Integrated Circuits." He also presented an invited lecture at the University of Valparaiso, Valparaiso, Chile, on "Lasers: Operations and Uses."

Michael V. McIntire, associate professor of law, led a panel discussion Oct. 12 following an address by Frazer F. Hilder, an assistant general counsel for the General Motors Corporation, in the Memorial Library. Also on the panel was Dr. Andrew McFarland, associate professor of civil engineering.

Dr. John O. Meany, associate professor of education, presented a paper entitled "Depth Psychology and the Psychological Experience of Prayer," on Oct. 7 at Lantanta, Fla., at a meeting of the Ecumenical Institute of Spirituality. He also led an experiential workshop session on "Dreams and Spiritual Direction."

Dr. Bruce J. Morgan, associate professor of civil engineering, has been licensed by the Federal Communications Commission to operate a radio station in the Experimental (Research) Service. He is authorized to broadcast within 10 miles of South Bend at two watts of power and at a frequency of 217.425 megahertz (MHZ) in the FM band. This frequency is slightly above VHF television channel 13.

Dr. Basil R. Myers, chairman of the Department of Electrical Engineering, presented an invited colloquium address on "Survivability of the Canadian Telecommunications Network" at McMaster University, Hamilton, Ontario, Oct. 11. Dr. Myers also served as organizer and chairman of the technical session "Engineering Applications of Graph Theory" at the National Electronics Conference in Chicago, Oct. 9. Dr. Myers served as Master of Ceremonies at the annual banquet at the 10th Allerton Conference on Circuit and System Theory in Allerton, Ill. Dr. James L. Massey, Frank M. Freimann Professor of Electrical Engineering; Dr. Richard Saeks, associate professor of electrical engineering, and graduate students M.N. Ransom and W.J. Kelly all presented papers at the Allerton conference.

Dr. Frederick D. Rossini, at Notre Dame from 1960-1971 and currently a professor of chemistry at Rice University, was presented the Redwood Medal by the Institute of Petroleum, United Kingdom, Oct. 13 in London. Dr. Rossini was cited for his "outstanding work in thermodynamics and thermochemistry and the composition of petroleum." Dr. Rossini is a former dean of Notre Dame's College of Science, a former vice president for Research and Sponsored Programs, and a recipient of the Laetare Medal.

Dr. Richard Saeks, associate professor of electrical engineering, was an invited participant at a conference on "Operators and Networks" at the University of Maryland on Oct. 7. Dr. Saeks presented a paper entitled "The Energy Characteristics of Non-linear Networks."

Dr. Maurice E. Schwartz, assistant professor of chemistry, will receive the first annual "Outstanding Young Alumnus Award" from Presbyterian College, Clinton, S.C., on Nov. 4. The award will be presented annually to a former Presbyterian College student under 36 years of age in recognition of unusual achievements in his chosen profession. Dr. Schwartz was also an invited lecturer at the Symposium on Photoelectron Spectroscopy co-sponsored by Nuclear and Physical Chemistry Divisions at the 164th National American Chemical Society Meeting Aug. 30 in New York. The title of his lecture was "Theoretical Studies of Core-Electron Binding Energy Shifts." He also presented a lecture entitled "Studies of Valence and Core Electron Binding Energies by a Balance-Electron Molecular Orbital Theory based on Model Potentials" Sept. 12 at the Faraday Division of the Chemical Society, general discussion on the Photoelectron Spectroscopy of Molecules, University of Sussex, Brighton, Sussex, England.

Lawrence F. Stauder, associate professor of electrical engineering, presided at the IEEE Region IV Annual Meeting of Counselors and Student Branch Chairmen at the National Electronics Conference in Chicago on Oct. 10. He reported to the Region IV Executive Committee for the Student Activities Committee in the role of chairman. He was also one of 24 selected nationally for a National Science Foundation sponsored workshop on Experimental Analyses of Electrical Machines held June 12-23 at Rensselaer Polytechnic Institute, Troy, N.Y.

Dr. Adolph G. Strandhagen, professor of aerospace and mechanical engineering, has recently returned from England where he presented a paper at the Third Ship Control Systems Symposium at the University of Bath. The paper was titled "On the Controllability of Ships."

Dr. Francis H. Verhoff, assistant professor of chemical engineering, gave an invited paper entitled "Modeling of Nutrient Cycling in Aquatic Microbial Ecosystems" at a symposium on the Role of Microbes in Nutrient Cycling sponsored by the Environmental Protection Agency in Washington, D.C., on Oct. 3-4.

## Necrology

Dr. John J. Kane, 63, former chairman of the Notre Dame Department of Sociology, died Oct. 6 in Philadelphia, Pa.

Rev. Robert W. King, C.S.C., 67, a member of the Notre Dame philosophy faculty from 1939 to 1945, died Oct. 12 in Holy Cross House at the University of Notre Dame after an illness of several months. He returned to Notre Dame this past summer after serving since 1949 as a professor of philosophy at the University of Portland.

# events

## Art Department programs

In conjunction with the Mid-America College Art Association Conference, the Department of Art will offer three special evening programs:

The Haydn Mass in D #3 (The Imperial or Lord Nelson) will be performed by the Elkhart Symphony Chorus, John Lund, director at 8 p.m. Wednesday, Nov. 1 in Sacred Heart Church.

Electric Stereopticon -- a concert of sound and visual elements will be presented by a group from Northern Illinois University at 8 p.m. Thursday, Nov. 2 in Washington Hall.

Theater Pieces -- original music and visual compositions will be presented by Dan Goode at 8 p.m. Friday, Nov. 3 in the Fieldhouse.

## "Jazz at Nine"

The Notre Dame Jazz Band will present its first concert on Monday, Nov. 6 at 9 p.m. in LaFortune Student Center.

This informal concert will mark the start of a weekly series of jazz events, "Jazz at Nine." Alternating with the Jazz Band will be smaller jazz and jazz/rock combos and sonically illustrated lecture/discussions of jazz practices, directions and artists. This series is being jointly sponsored by the Jazz Band and the Collegiate Jazz Festival.

Other "Jazz at Nine" presentations are:

Lecture/Discussion: "Current Trends and Practices of Jazz -- an Overview," Nov. 13.

Concert: Combo, Nov. 29.

Lecture/Discussion: "The Mothers of Invention: Cross Pollination," Dec. 6.

Concert: Jazz Band, Dec. 13.

Concert: Combo, Jan. 24.

Lecture/Discussion: "The Art of Duke Ellington," Jan. 31.

Concert: Combo, Feb. 7.

Concert: Combo, Feb. 14.

Concert: Jazz Band, Feb. 21.

Lecture/Discussion: "The Art of Miles Davis," Feb. 28.

Rock Cantata, March 7.

Lecture/Discussion: "The Art of John Coltrane," March 21.

Concert: Combo, March 28.

Concert: Jazz Band, April 4.

All events will be presented at no admission charge at 9 p.m. in LaFortune Student Center.

## Cultural Arts Commission events

The mime artistry of Marcel Marceau and the Japanese ballet company of Saeko Ichinohe will be matched by appearances of the Second City Players in a Dance and Drama Series planned this season by the Cultural Arts Commission of Notre Dame's Student Union.

Second City Players of Chicago will appear on Nov. 4 when they present "The Best of Second City," a collection of well-received skits from recent revues, "No, No, Wilmette," "The 43rd Parallel," and "Premises, Premises."

Marceau, the widely-acclaimed master of pantomime acting, will be featured in his one-man show on Feb. 16, and the Ichinohe dancers are scheduled for Feb. 27.

Individual and patron tickets for the series are now on sale in the Cultural Arts Commission office in the LaFortune Student Center. Special group discounts on blocks of 20 or more tickets are available this year to schools and organizations and may be reserved by calling 283-3797.

## Medieval miniatures

The Art Gallery at Notre Dame is currently exhibiting 31 medieval miniatures from the collection of Lessing J. Rosenwald of the National Gallery of Art, Washington, D.C. All single leaves from bibles, missals, psalters, etc., the miniatures date from the Thirteenth to the Fifteenth Century and represent illuminations from German, Bohemian, French,



Spanish and Italian workshops.

Undergraduate students of art from Notre Dame and Saint Mary's College sponsored the exhibition by selecting the illuminations on display and by de-

signing and writing a catalogue. The project was supervised by Dean A. Porter, curator and assistant professor of art, and coordinated by Mary McCabe Clark, a Saint Mary's art graduate.

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# office of advanced studies

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## Notes for Principal Investigators

### National Institutes of Health Applicants Urged to Complete Experimental Details in Proposals

One of the common reasons for disapproval of applications to the National Institutes of Health is a lack of sufficient experimental detail. In applications for research grants and for all DHEW grants which propose to use human subjects, this lack may not just delay approval until the missing information is supplied, but may result in an unfavorable recommendation based on the apparent failure of the applicant to recognize serious hazards to subjects.

The Institutional Relations Branch, Division of Research Grants, charged with the responsibility for administering the DHEW policy on the protection of human subjects notes that the questions of ethics and undue hazards to subjects, raised by DHEW review groups, arise because insufficient details are provided in the review proposal.

Responsibility for providing complete and accurate information lies with the applicant investigator.

### National Institutes of Health (NIH) Processing Problems for Proposals to NIH

The increasing volume of research grant applications submitted to the Division of Research Grants, National Institutes of Health, has magnified the problems of physically processing the applications. To alleviate some of these problems, NIH has requested the cooperation of grantee institutions submitting applications. For speedier

handling of applications:

1. Use paper clips or rubber bands to separate each copy of the application - not staples, folders, or binders. Since all applications must be disassembled, removal of extraneous material takes time.
2. Do not use tabs, since they must be removed as they interfere with processing and duplicating.
3. Address the return receipt card (PHS 3830).
4. Where possible, applications and extra material should be sent in one package. If this is not possible, extra material sent under separate cover must be identified by principal investigator, address, institution, and title of project.

## Information Circulars

### National Association of Broadcasters 1973 Program of Grants for Research in Broadcasting

NO. FY73-27

**PURPOSE:** This program, now in its seventh year, was established by the National Association of Broadcasters to stimulate interest in research as it relates to the many aspects of broadcasting. It is intended primarily to encourage qualified personnel to enter this field and facilitate their training, as well as to assist individuals already working in the area. A secondary purpose is to expand existing knowledge of the role and function of broadcasting.

**APPROPRIATE AREAS FOR INVESTIGATION:** The proposed research should relate to the



social, cultural, political, and economic aspects of American commercial broadcasting. Excluded from the competition, therefore, are proposals concerned with 1) broadcasting systems in foreign countries; 2) instructional radio and television; and 3) advertising effectiveness studies.

Research designs concerned with radio are particularly encouraged in this competition.

SCOPE: Proposals may pertain to either basic or applied problems. The approach to the problem may be either primary (e.g. field studies) or secondary (e.g. literature surveys) in nature.

Proposals for methodological development and "model-building" research in any of these categories will be welcomed.

JUDGING: Evaluation of proposals submitted will be made by a committee composed of representatives of the broadcasting industry, professionals in broadcasting research, and academicians. The committee will judge each proposal in terms of the following criteria: problem conceptualization, research technique, and clarity and thoroughness.

ELIGIBILITY: The competition is open to all academic personnel working in the several disciplines that relate to the social, cultural, political, and economic aspects of broadcasting. Graduate students and senior undergraduates are particularly invited to submit proposals.

AWARDS: Individual awards will be made in amounts not in excess of \$1,000. These funds are to be used to defray out-of-pocket expenses incurred in the execution of the proposed research, e.g. field work, tabulation, analysis, clerical help, printing, etc.

DATES: Proposals must be received no later than January 1, 1973. Winners of the Research Grants will be notified by February 1, 1973. For application forms, write to:

Mr. John A. Dimling, Jr.  
Vice President, Director of Research  
National Association of Broadcasters  
1771 N Street, N.W.  
Washington, D.C. 20036

### U.S. Office of Education, Institute of International Studies Exchange Teaching and Short-Term Seminars Abroad, 1973-74

#### NO. FY73-28

Under the International Educational and Cultural Exchange Program authorized by the Fulbright-Hays Act, American elementary and secondary school teachers and college instructors and assistant professors are eli-

gible for grants to teach abroad during the 1973-74 academic year or to attend selected seminars abroad. The Institute of International Studies (IIS) administers the grants in conjunction with the Bureau of Educational and Cultural Affairs, Department of State.

Contingent upon availability of funds, the following 6- to 8-week seminars are planned for 1973: In Germany (summer) for teachers of German; in Italy (summer) for teachers of the classics, (summer) for teachers of Italian; in India (summer) for teachers of World, Middle Eastern, or Asian history; in India (fall) for social studies supervisors and curriculum directors.

Eligibility requirements: U.S. citizenship; a bachelor's degree; 3 years' teaching experience for teaching grants; 2 years' experience for seminar grants.

Application forms and information may be obtained from:

Teacher Exchange Section  
Institute of International Studies  
U.S. Office of Education  
Washington, D.C. 20202

### Social Science Research Council Announcement of Fellowships and Grants for 1972-1973

#### NO. FY73-29

#### GENERAL INFORMATION

The Social Science Research Council is chartered for the advancement of research in the social sciences. Its fellowships and grants are offered in furtherance of that purpose.

The Council has its own programs of fellowships and grants, and several programs in the field of foreign area studies which it sponsors jointly with the American Council of Learned Societies. The former programs embrace only training and research in social science; the latter extend also to the humanities.

To maintain a reasonable balance in the allocation of resources, each of these programs is so defined that, as a rule, an application for a given purpose may not be considered under more than one of the programs.

Since awards are made only at stated times, all applicants under each program compete on an equal basis. Prospective applicants therefore should initiate correspondence well in advance of the earliest deadline that may be applicable in his case. Failure to meet an early deadline will not entitle an applicant to consideration under a different program at a later time.

Awards are made directly to individuals, not to universities or other organizations.

Only citizens or permanent residents of the United States or Canada are eligible for fellowships and grants of the Social Science Research Council. Eligibility for awards under the several foreign area programs jointly sponsored with the American Council of Learned Societies is variously defined, as specified in the descriptions of the separate programs in the Council's brochure or in circulars available on request from the respective administrative offices.

#### LIMITATIONS

The Social Science Research Council's fellowship and grant programs are made possible by special funds provided by the Rockefeller Foundation, the Carnegie Corporation of New York, the Ford Foundation, and the Maurice Falk Medical Fund. The Council can offer fellowships and grants only for purposes that fall within the scope of its charter and for which funds have been appropriated.

#### APPLICATION PROCEDURE

Application forms are normally furnished in response to requests from individual prospective applicants after preliminary determination by the administrative staff that a particular kind of application is appropriate. Inquiries and requests for forms should be addressed to the office administering the program under which application is contemplated; if necessary the staff will refer inquiries to one of the other offices.

In requesting forms, the prospective applicant should indicate briefly but explicitly the nature of the proposed training or research; the approximate amount and duration of support needed; age, occupation or current activity and vocational aim, country of citizenship and country of permanent residence; academic degrees held (specifying the fields of study); and if currently working for a degree, the present stage of advancement toward it. Without information on all these points it is frequently impossible to tell whether an application can be accepted and, if so, under which program.

The addresses of the four administrative offices for the several programs are as follows:

For Research Training Fellowships; Grants for Research in Method and Theory; Grants to Minority Scholars for Research on Racism and Other Social Factors in Mental Health; and Grants for Research on Africa, Contemporary and Republican China, Japan, Korea, and the Near and Middle East:

Social Science Research Council  
Fellowships and Grants  
230 Park Avenue  
New York, N.Y. 10017  
(Telephone 212-689-1623)

For Grants for East European Studies, for Research on South Asia, and for Soviet Studies:

American Council of Learned Societies  
345 East 46 Street  
New York, N.Y. 10017  
(Telephone 212-986-7393)

For Foreign Area Fellowships and Grants for Research on Latin America and the Caribbean:

Foreign Area Fellowship Program  
110 East 59 Street  
New York, N.Y. 10022  
(Telephone 212-752-9510)

For other international exchange programs:

International Research and Exchanges  
Board  
110 East 59 Street  
New York, N.Y. 10022  
(Telephone 212-752-9510)

General inquiries may be addressed to Social Science Research Council Fellowships and Grants, as listed.

Specific information on application deadlines and eligibility requirements concerning each program may be obtained from the Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7378.

## Graduate School

University of Texas at Houston  
Rosalie B. Hite Graduate Fellowships  
in Cancer Research

NO. FY73-GS5

#### Postdoctoral Fellowships

REQUIREMENTS: Doctoral degree - either Ph.D. or M.D. - and a project showing promise in the area of cancer research. The cancer research project of the candidate is to be conducted under the general supervision of a faculty member of The University of Texas M.D. Anderson Hospital and Tumor Institute at Houston. Fellowships are for 12 months and are not renewable.

STIPENDS: \$8,500 for 12 months, including a two-week vacation (ten working days). A \$250 travel allowance will be available for travel to one national meeting to present the results of original investigations performed during the Fellowship.

#### Predocctoral Fellowships

REQUIREMENTS: Eligibility for admission to The University of Texas Graduate School of Biomedical Sciences at Houston. Graduate work is to be done under the supervision of a faculty member of a component of The Uni-

versity of Texas at Houston, affiliated with the Graduate School of Biomedical Sciences degree-granting program. The area of study is to be in a field related to cancer. Fellowships are renewable annually, at the discretion of the Committee, to completion of the doctorate degree but not beyond three years.

**STIPENDS:** (on a 12 months' basis) \$3,000 for the first year of graduate study; \$3,200 for the second year of graduate study; \$3,400 for the third year; \$500 per year allowance for each dependent (maximum of two dependents); tuition and fees paid. Renewal depends on satisfactory progress in the current year and requires formal action by the Committee. In the third year a travel allowance of \$250 will be available to attend one national meeting to present the results of original investigation performed during the Fellowship.

#### INSTRUCTIONS

Applications should be submitted no later than March the 1st. Applicants should be prepared to submit complete official transcripts of all previous academic work. Letters of reference regarding character, personality and ability should be sent directly by the authors to the Committee. Fellowships may start only on July the 1st or September the 1st. Application blanks may be obtained by writing directly to the Committee. Address all communications to:

Dr. Darrell N. Ward, Chairman  
Rosalie B. Hite Fellowship Committee  
The University of Texas at Houston  
M.D. Anderson Hospital and Tumor Institute  
Texas Medical Center  
Houston, Texas 77025

### Committee on International Exchange of Persons, 1973-74 North Atlantic Treaty Organization (NATO) Research Fellowships in the Humanities and Social Sciences, and Southeast Asia Treaty Organization (SEATO) Awards

NO. FY73-GS6

**NATO AWARDS:** A limited number of advanced research fellowships will be offered for 1973-74 to candidates from member states (Belgium, Canada, Denmark, France, Federal Republic of Germany, Greece, Iceland, Italy, Luxembourg, Netherlands, Norway, Portugal, Turkey, United Kingdom, United States). Awards will be limited to fellows working on projects of direct interest to NATO or to the Atlantic Community as a whole. Projects should pertain to historical, political, economic, and social problems, rather than to scientific questions. (Information on NATO Science Fellowships at the postdoctoral level may be obtained from the Division of Graduate Education in Science, National

Science Foundation, Wash., D.C. 20550).

**Aim:** To promote study and research leading to publication on various aspects of the common interests, traditions, and outlook of countries of the North Atlantic Alliance, in order to throw light on the history, present status, and future developments of the concept of the Atlantic Community, and the problems which confront it.

**Qualifications:** A candidate MUST be a national of a member country and must undertake his research in one or more member countries. Since NATO in its cultural program is especially concerned with strengthening trans-Atlantic relationships, scholars from the United States are encouraged to undertake their research in one or more of the European NATO countries. Grants are intended for scholars of established reputation. Candidates will be chosen on the basis of their special aptitude for and experience in carrying through a major project of research. In making selections, such factors as academic qualifications (the doctoral degree or its equivalent), professional experience, and publications will be taken into account.

**Terms:** It is expected that the amount of each advanced research grant will be 23,000 Belgian francs per month (or the equivalent in the currency of any other member country). The fellowships are awarded for a period of two to four months and in special cases can be extended to six months. NATO will pay the cost of travel by air for such journeys as may be approved in connection with the project.

**Obligations:** Fellows shall be required to submit to NATO before the expiration of their grant (December 1974) a final report in English or French on completed studies. Under an agreement with the international publishing house of A. W. Sijthoff of Leyden, all studies will be considered for publication by that firm. Fellows will be expected to acknowledge the fact that their award was made possible through a NATO award.

**Application Procedures:** Regardless of present residence, the applicant must submit his application to the appropriate authority of the country of which he is a national. Preliminary screening of American candidates in the humanities and social sciences will be by the Committee on International Exchange of Persons, which will recommend candidates to the Department of State and the President's Board of Foreign Scholarships. The Board, in turn, will nominate a panel of American scholars for consideration by the NATO Selection Committee, which will have similar panels from the above-named countries. The awards will be made from this total list of candidates from all the member countries. Application deadline is December 1, 1972.

**DATE OF AWARDS:** Final selection of candi-

dates will be announced by the Selection Committee in Brussels on April 4, 1973.

**SEATO AWARDS:** One or two awards, depending upon the availability of funds. Projects should be concerned with social, economic, political, cultural, scientific, and educational problems of Southeast Asia or the Southwest Pacific areas. They should be carried out in SEATO member countries situated in the Treaty area, but complementary work elsewhere may be authorized if necessary for the success of the project. Applicants must be nationals of SEATO member countries (Australia, France, New Zealand, Pakistan, Philippines, Thailand, United Kingdom, and United States), and must make application through the appropriate agencies in their home country. Fellowships are intended for established scholars of high academic attainments, preferably at the doctoral level. Students working towards advanced degrees are not eligible. Grants provide roundtrip economy air travel and a monthly maintenance allowance of US \$400 or its equivalent. Grants will normally be for a period of between four and eight months. Awards will be announced by the SEATO Secretary General in Bangkok in July 1973. Application deadline is January 1, 1973.

American citizens may obtain application forms from:

COMMITTEE ON INTERNATIONAL EXCHANGE  
OF PERSONS  
2101 Constitution Avenue,  
Washington, D.C. 20418

## Woodrow Wilson International Center for Scholars, Fellowship and Guest Scholar Program

NO. FY73-GS7

### FELLOWSHIP PROGRAM

The theme of the fellowship program is designed to accentuate those aspects of Woodrow Wilson's ideals and concerns for which he is perhaps best known a half century after his presidency - his search for international peace and the imaginative new approaches he used to meet the pressing issues of his day - translated into current terms. The statement of policy adopted by the Board of Trustees states:

Emphasis is placed on studies designed to increase man's understanding of significant international, governmental and social problems, and to suggest alternative means of resolving them. The focus is on the public policy aspects of contemporary and emerging issues which confront many peoples and, where applicable, on comparative analyses of different cultural, regional and other approaches to such issues.

A wide variety of individual studies of current problems falling within the general theme are sponsored at the Center. In addition the trustees have designated three subjects in which fellowships are specially encouraged during the Center's early years: (1) fundamental long-run issues of peace, world order and United States international responsibilities in the post-Vietnam era; (2) man's overall relationship and response to his deteriorating environment, particularly the social, cultural, political and international dimensions of the problems of the human environment; and (3) the development of international understanding, law and cooperation in the uses of the oceans and safeguarding of the marine environment.

### Fellows

Under the Center's year-round fellowship program, up to forty scholars - approximately half from the United States and half from other countries - are selected to work at the Center at any given time. In keeping with the Center's mandate to strengthen the ties between the world of learning and the world of public affairs, scholars are chosen from a wide variety of professions and occupations, both academic and non-academic. The first fellows have come from the social sciences, humanities and natural sciences, as well as from careers in government, law, diplomacy, labor, business and journalism. The primary concern is to select persons whose intellect, experience, and dedication enable them to contribute to the increase and diffusion of knowledge on subjects of interest to the Center in a community of scholars of like purposes.

Academic participants are limited normally to established scholars at the postdoctoral level (or the equivalent in other countries). While there are no precise higher degree requirements for nonacademic fellows, their standing in their profession or occupation, advanced degrees, writings, and honors are considered.

No arbitrary age limits have been set, and there is a wide range of ages among the fellows at the Center.

### Duration of Fellowships

The average fellowship at the Center extends from several months to a year in duration, but some periods of study of only a few weeks and a limited number of long-term appointments are also accepted.

### Selection Criteria and Process

Study proposals that fall within the Center's announced scope, are evaluated according to the following criteria: the scholarly capabilities, promise and achievements of the applicant; the likelihood of his being able to accomplish what he proposes; and the importance and originality of the proposed

research. Other criteria considered include such diverse factors as the candidate's likely personal contribution to a lively intellectual atmosphere, the relevance of Washington area resources to proposed areas of study; and, for applicants from non-English-speaking countries, fluency in spoken and written English. The Center makes an effort to select individual scholars with complementary interests and expertise.

Under the Center's selection process, applications and nominations are received and processed year-round. Forms may be obtained by writing to the Center.

The normal schedule calls for the issuance of appointment invitations three times each year: March 1 (January 1 deadline for application); July 1 (May 1 deadline); and December 1 (October 1 deadline). Appointments may start at any time agreed upon after the issuance of invitations and the completion of arrangements. Ordinarily, applications should be received well in advance of the period of appointment sought, but no fixed lead time is required.

#### Facilities and Support

The Center asks each fellow requesting financial support in the first instance to utilize any available financial resources from his own institution, government, private foundation or other source for his support during the period of appointment. Thereafter, it is the Center's policy to attempt, within certain limits set by the Board of Trustees, to help each fellow in need of assistance to meet - but not exceed - his or her earned income rate in the preceding year, on the principle that a fellowship should not involve financial gain or loss. In calculating appropriate stipends for non-U.S. scholars, cost-of-living adjustments are extended whenever possible to bring their stipends up to equivalent rate for U.S. scholars of comparable experience and position. Funds are also available to cover certain travel expenses for the fellow and his immediate family to and from Washington.

The Board of Trustees and Staff are determined that there will be spirit of complete freedom of inquiry in all scholarly work done at the Center. Government research contracts are neither sought nor accepted. No classified work may be undertaken at the Center.

#### GUEST SCHOLAR PROGRAM

On a limited space available basis, Center facilities, and services of the Center are made available for short-term and occasional use of distinguished guest scholars on application to and arrangement with the Director of the Center.

Additional information may be obtained by

writing to:

Woodrow Wilson International Center  
for Scholars  
Room 321 Smithsonian Institution  
1000 Jefferson Drive S.W.  
Washington, D.C. 20560

### National Research Council Postdoctoral Research Associateships

#### NO. FY73-GS8

The Postdoctoral Research Associateships are temporary Civil Service appointments offered by the participating Federal laboratories. They afford opportunities for basic research and advanced training to scientists and engineers of unusual ability and promise.

Appointments are made on a competitive basis and are limited to persons with less than 5 years postdoctoral experience. U.S. citizenship is required (except Bureau of Medicine and Surgery).

Salary: \$13,309 (Subject to income tax and Social Security deductions.)

Final date for applications is January 15, 1973.

Announcement of Awards is April 1973.

Programs available are:

#### AGRICULTURAL RESEARCH SERVICE

Berkeley and Pasadena, California  
Washington, D.C.  
Olustee, Florida  
Savannah, Georgia  
Peoria, Illinois  
New Orleans, Louisiana  
Beltsville, Maryland  
Waltham, Massachusetts  
Plum Island, New York  
Philadelphia, Pennsylvania  
Weslaco, Texas

Animal Diseases, Biochemistry, Biophysics,  
Chemistry (analytical, organic, physical),  
Entomology, Food Engineering.

#### BUREAU OF MEDICINE AND SURGERY, U.S. NAVY

San Diego, California  
Groton, Connecticut  
Pensacola, Florida  
Bethesda, Maryland  
Johnsville, Pennsylvania

Aerospace Medicine, Behavioral Sciences,  
Biochemistry, Biomechanics, Biophysics,  
Immunology, Microbiology, Optics, Parasitology, Physiology, Psychoacoustics, Psychology, Psychophysiology, Radiation Biology.

#### BUREAU OF MINES

Denver, Colorado  
College Park, Maryland  
Minneapolis, Minnesota  
Reno, Nevada  
Bartlesville, Oklahoma  
Albany, Oregon  
Pittsburgh, Pennsylvania  
Morgantown, West Virginia  
Laramie, Wyoming

Chemistry (inorganic, organic, physical),  
Engineering (chemical, mining), Fuel Tech-  
nology, Minerals Science, Rock Mechanics,  
Rock Physics, Thermodynamics.

#### NATIONAL BUREAU OF STANDARDS

Gaithersburg, Maryland  
Boulder, Colorado

Analytical Chemistry, Applied Mathematics,  
Building Research, Computer Sciences,  
Cryogenics, Electricity, Fire Research,  
Heat, Laboratory Astrophysics, Materials  
Science, Mechanics, Metallurgy, Operations  
Research, Optical Physics, Physical Chem-  
istry, Polymers, Quantum Electronics, Radia-  
tion Research, Systems Development.

#### NAVAL ORDNANCE LABORATORY

White Oak, Silver Spring, Maryland

Aeroballistics, Aerodynamics, Chemistry,  
Hydroballistics, Mathematics, Physics (me-  
chanics, nuclear and elementary particle,  
solid state).

#### NAVAL UNDERSEA CENTER

San Diego and Pasadena, California

Acoustics, Engineering, Mathematics, Ocean-  
ography, Properties of Matter, Psychology,  
Signal Processing.

#### NAVAL WEAPONS CENTER

China Lake, California

Chemistry (organic, physical), Electrochem-  
istry, Physics (acoustics, microwave, solid  
state).

#### U.S. GEOLOGICAL SURVEY

Flagstaff, Arizona  
Menlo Park, California  
Denver, Colorado  
Washington, D.C.  
Hawaii National Park, Hawaii  
Beltsville, Maryland  
Arlington and McLean, Virginia

Biostratigraphy, Cartography, Computer Ap-  
plications, Geochemistry, Geology (areal,  
economic, engineering, lunar, marine, physi-  
cal, planetary), Geophysics, Hydrology,  
Isotope Studies, Mineralogy, Paleontology,  
Petrology.

For further information and application  
materials, contact:

Associateship Office JH 606  
National Research Council  
2101 Constitution Avenue  
Washington, D.C. 20418

### **National Research Council Resident Research Associateships Postdoctoral and Senior Postdoctoral**

#### NO. FY73-GS9

The Resident Research Associateship programs  
provide opportunities for basic research and  
advanced training to scientists and engi-  
neers of unusual ability and promise. Ap-  
pointments are made on a competitive basis.

RESIDENT RESEARCH ASSOCIATESHIPS are awarded  
to persons with less than 5 years research  
experience beyond the doctorate. SENIOR  
Associateships are available to scientists  
and engineers of demonstrated accomplishment  
with at least 5 years postdoctoral experi-  
ence.

These programs are open to U.S. citizens  
and, in some cases, to foreign nationals.

#### DATES

Completed applications must be received by  
January 15, 1973. Awards will be announced  
in April 1973.

NASA: Completed applications, and official  
endorsement of these by the NASA Center,  
must be received by January 15, May 15, and  
September 15, 1973, to be reviewed for  
awards to be announced in March, July and  
November, respectively.

#### STIPENDS

Postdoctoral \$13,500 annually (Natick  
Laboratories \$13,000)  
Senior - Dependent on qualifications  
All stipends are subject to U.S. income tax

Programs available are:

#### AIR FORCE SYSTEMS COMMAND

Aerospace Medical Research Laboratory -  
Dayton, Ohio  
Aerospace Research Laboratories -  
Dayton, Ohio  
Avionics Laboratory - Dayton, Ohio  
Materials Laboratory - Dayton, Ohio  
School of Aerospace Medicine -  
San Antonio, Texas  
Cambridge Research Laboratories -  
Bedford, Mass.  
Rocket Propulsion Laboratory -  
Edwards AF Base, California  
Weapons Laboratory - Albuquerque,  
New Mexico

Behavioral, Biological, Medical, Materials,  
and Solid State Sciences; Mathematics;  
Chemistry; Physics; Engineering

#### BALLISTIC RESEARCH LABORATORIES

(U.S. citizens only; no seniors)  
Aberdeen, Maryland

Nuclear and Radiation Physics

#### NAVAL RESEARCH LABORATORY

(U.S. citizens only; no seniors)  
Washington, D.C.

Chemistry; Computer and Mathematical Sci-  
ences; Mechanics; Metallurgy; Nuclear  
Studies; Oceanography; Physics; Space  
Sciences

#### SMITHSONIAN ASTROPHYSICAL OBSERVATORY

Cambridge, Massachusetts

Astrophysics and related space sciences

#### FELTMAN RESEARCH LABORATORY

(U.S. citizens only)  
Dover, New Jersey

Chemistry; Combustion Studies; Physics;  
Engineering; Mathematics

(Program involving reactor and radiation  
research, available at the National  
Bureau of Standards, Gaithersburg,  
Maryland, is open to foreign nationals.)

#### U.S. ARMY MATERIALS AND MECHANICS RESEARCH CENTER

Watertown, Massachusetts

Materials Sciences; Solid State Physics;  
Theoretical and Applied Mechanics, Engineer-  
ing

#### U.S. ARMY NATICK LABORATORIES

Natick, Massachusetts

Behavioral, Life, and Medical Sciences;  
Chemistry; Engineering; Mathematics; Physics

#### NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRA- TION

Environmental Data Service - Asheville,  
North Carolina; Boulder, Colorado;  
Silver Spring, Maryland

Environmental Research Laboratories -  
Boulder, Colorado; Coral Gables and  
Miami, Florida; Hilo and Honolulu,  
Hawaii; Norman, Oklahoma; Oak Ridge,  
Tennessee; Princeton, New Jersey;  
Raleigh, North Carolina; San  
Francisco, California; Seattle,  
Washington; Washington, D.C. area

National Environmental Satellite Service  
- Washington, D.C. area

National Marine Fisheries Service -  
La Jolla, California

National Ocean Survey - Washington, D.C.  
area

National Weather Service - Miami,  
Florida; Washington, D.C. area

Atmospheric, Biological, Earth, and Space  
Sciences; Oceanography; other disciplines  
as related to the oceans, the atmosphere,  
and the solid earth.

#### NATIONAL AERONAUTICS AND SPACE ADMINISTRA- TION

Ames Research Center - Moffett Field,  
California  
Goddard Space Flight Center - Greenbelt,  
Maryland  
Goddard Institute for Space Studies -  
New York City  
Jet Propulsion Laboratory - Pasadena,  
California  
Langley Research Center - Hampton,  
Virginia  
Lewis Research Center - Cleveland, Ohio  
Manned Spacecraft Center - Houston, Texas  
Marshall Space Flight Center -  
Huntsville, Alabama  
Wallops Station - Wallops Island,  
Virginia

Astronomy; Astrophysics; Computer Sciences;  
Geosciences; Life and Medical Sciences;  
Engineering; Physical and Mathematical Sci-  
ences; other disciplines applicable to  
aeronautics and space exploration.

For further information and application  
materials, contact:

Associateship Office JH 606  
National Research Council  
2101 Constitution Avenue  
Washington, D.C. 20418

## **Current Publications and Other Scholarly Works**

### **LAW**

Shaffer, T.L. 1971. Chapters 1-7. Pages  
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### **MEDIAEVAL STUDIES**

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Analecta Praemonstratensia 48:142-143.



ARTS AND LETTERS  
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Graduate Studies in Education

- Bartlett, W.E. 1972. Vocational behavior of minority groups in a corporate state. Counseling and Values 16:247-252.
- Kelsey, M.T. 1972. The Church and the homosexual. Pages 196-211 in M. Taylor, editor, Sex: thoughts for modern Christians. Doubleday, Garden City, New York.

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- Callahan, P.J. 1971. Animismo e magia nel Signore Degli Anelli, translated by G.P. Cossato. Notiziario CCSF (19):13-22.
- Costello, D.P. 1972. Tennessee Williams' fugitive kind. Modern Drama 15(1): 26-43.
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Government and International Studies

- Niemeyer, G. 1971. Humanism, positivism, immorality. The Political Science Reviewer 1:277-294.
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Psychology

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- Dodge, D.L. 1971. Review of S. Levine and N. Scotch, editors, Social stress and J. McGrath, editor, Social and psychological factors in stress. American Journal of Sociology 72(2):405-409.

- Smith, C.G., and J.A. King. 1972. The therapeutic milieu and the prediction of mental hospital effectiveness. Journal of Health and Social Behavior 13(2):180-194.

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- Fiorenza, F.P. 1971. L'assenz di dio come problema teologica. Brescia. 71 pp.
- Ford, J.M. 1972. Catholic Pentecostalism. Catechetics Bulletin 2:5-11.
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- Ford, J.M. 1972. The diaconate and the neo-Pentecostal renewal within the Catholic Church. American Ecclesiastical Review 166(2):84-93.
- Ford, J.M. 1972. The divorce bill of the lamb and the scroll of the suspected adulteress, a note on Apoc. 5, 1 and 10, 8-11. Journal of the Study of Judaism 2:136-143.
- Ford, J.M. 1972. The ray, the root, and the river, a note on the Jewish origin of trinitarian images. Studia Patristica 108:158-165.
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Management

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ENGINEERING

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- Ariman, T., and R.E. Hoffman. 1972. Thermal and mechanical stresses in nuclear reactor vessels. Nuclear Engineering and Design 20:31-55.
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- Brach, R.M., and J.M. Daschbach. 1972. State criminal court systems. 23rd Annual Conference and Convention of the American Institute of Industrial Engineers 1972: 155-163.
- Brach, R.M., and D.R. Sharpe. 1972. Statistical analysis of type of counsel and plea bargaining in a criminal court system. 3rd Annual Pittsburgh Conference on Modeling and Simulation 1972: 77-88.

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Berry, W.B., C.W. Allen, and L.L. Kazmerski. 1972. Role of defects in determining the electrical properties of CdS thin films. II. Stacking faults. Journal of Applied Physics 43(8):3521-3527.

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Allen, C.W., W.B. Berry, and L.L. Kazmerski. 1972. Role of defects in determining the electrical properties of CdS thin films. II. Stacking faults. Journal of Applied Physics 43(8):3521-3527.

### SCIENCE

#### Biology

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Elie, E.L., A. Abatijoglou, and A.A. Hartman. 1972. Kinetic preference between equatorial and axial hydrogens in the lithiation of conformationally fixed 1, 3-dithianes. Journal of the American Chemical Society 94:4786-4787.

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\*Under the Radiation Laboratory  
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# Monthly Summary

## Awards Received

IN THE MONTH OF SEPTEMBER, 1972

| Department<br>or Office             | Principal            | Short title  | Sponsor                                 | Amount-\$<br>term |
|-------------------------------------|----------------------|--|---|-------------------|
| AWARDS FOR RESEARCH                 |                      |  |   |                   |
| Administration                      | Gordon               | Graduate-study<br>fellowship                           | U.S. Steel<br>Fdn.                      | 3,900<br>1 yr.    |
| Psychology                          | Ryan                 | Language attitudes of<br>bilingual Chicanos            | Natl. Inst.<br>Health                   | 27,398<br>1 yr.   |
| Chemistry                           | Martinez-<br>Carrion | Isozymes of glutamate<br>aspartate transaminase        | Natl. Inst.<br>Health                   | 16,655<br>1 yr.   |
| Civil<br>Eng.                       | Linger               | Grant-in-aid   | Schott<br>Ind., Inc.                    | 300<br>---        |
| Chemistry                           | Freeman              | Grant-in-aid   | Miles Lab.,<br>Inc.                     | 5,000<br>1 yr.    |
| Microbiology-<br>Lobund Lab.        | Pollard              | Grant-in-aid   | Miles Lab.,<br>Inc.                     | 5,000<br>1 yr.    |
| Microbiology-<br>Lobund Lab.        | Pollard              | Grant-in-aid   | Carroll Cty.<br>Cancer Assoc.           | 500<br>---        |
| Aerospace<br>Mech. Eng.             | Yang                 | Grant-in-aid   | Ben C. P.<br>Han                        | 500<br>---        |
| Chemistry                           | Walter               | Amino acids and protein<br>metal complexes             | Natl. Inst.<br>Health                   | 20,273<br>1 yr.   |
| Civil<br>Eng.                       | McFarland            | Mobile home indoor air<br>purification systems         | Ind. Educ.<br>Serv. Fdn.                | 6,000<br>1 yr.    |
| Civil<br>Eng.                       | Kelsey               | Behavior of errors in discre-<br>tized physical models | Natl. Sci.<br>Fdn.                      | 59,300<br>2 yr.   |
| College<br>Engineering              | Hogan                | Wastewater treatment<br>apparatus                      | Telecommunication<br>Ind., Inc.         | 3,000<br>1 mos.   |
| Microbiology-<br>Lobund Lab.        | Pollard              | Grant-in-aid   | United Cancer<br>Council                | 9,000<br>---      |
| Biology                             | Saz                  | Intermediary metabolism<br>of helminths                | Natl. Inst.<br>Health                   | 77,120<br>1 yr.   |
| Physics                             | Browne               | Nuclear data<br>compilation program                    | Natl. Acad.<br>Sci.                     | 14,070<br>1 yr.   |
| AWARDS FOR FACILITIES AND EQUIPMENT |                      |  |   |                   |
| General<br>Program                  | Crowe,<br>Crosson    | Grant-in-aid   | Philip C.<br>Stork                      | 2,000<br>---      |
| Accountancy                         | Powell               | Grant-in-aid   | Ernst and Ernst<br>Fdn.                 | 2,500<br>1 yr.    |
| Metallurgical<br>Eng.               | Fiore                | High purity<br>alloys                                  | Inland Steel<br>Res. Lab.               | 1,000<br>---      |
| AWARDS FOR EDUCATIONAL PROGRAMS     |                      |  |   |                   |
| Law<br>School                       | Foschio              | Internship<br>program                                  | Ind.Crim.Just.Plan.<br>Ag., St.Jos.Cty. | 11,592<br>1 yr.   |
| Chemical<br>Eng.                    | Banchero             | Grant-in-aid   | Sun Oil<br>Co.                          | 1,000<br>---      |
| Music                               | Phillips             | Instruction for secondary<br>wood wind instruments     | L. Sudler Fdn.<br>Musical Arts          | 2,500<br>---      |

## Proposals Submitted

IN THE MONTH OF SEPTEMBER, 1972

| Department<br>or Office                | Principal           | Short title  | Sponsor                        | Amount-\$<br>term    |
|--|---------------------|--|--------------------------------|----------------------|
| PROPOSALS FOR RESEARCH                 |                     |  |                                |                      |
| Theology                               | Blenkinsopp         | Prophecy in Palestinian Judaism during the second temple | Natl. Endow. Humanities        | 18,231<br>8 mos.     |
| Metallurgical Eng.                     | Fiore               | Study of tribology                                       | (Through DPRD)                 | 11,000<br>1 yr.      |
| Chemistry                              | Scheidt             | Stereochemistry of metalloporphyrins                     | Research Corp.                 | 9,345<br>1 yr.       |
| Philosophy                             | Caponigri           | Translation of Zubiri's <i>Sobre la esencia</i>          | (Through DPRD)                 | 885<br>---           |
| Microbiology-Lobund Lab.               | Pollard             | Biogenesis and destruction of carcinogenic agents        | Marion Cty. Cancer Soc.        | 9,480<br>1 yr.       |
| College Engineering                    | Hogan               | Wastewater treatment apparatus                           | Telecommunication Ind., Inc.   | 25,000<br>5 mos.     |
| Philosophy, Aeros. Mech. Eng.          | Sayre, Schilmoeller | Decision-making in the power industry                    | Natl. Sci. Fdn.                | 157,267<br>2 1/2 yr. |
| Chemistry                              | Castellino          | Plasminogen isozymes and streptokinase                   | Natl. Inst. Health             | 75,506<br>1 yr.      |
| Chemistry                              | Hayes               | Structural studies eny-tochrome C species by NMR         | Natl. Inst. Health             | 38,563<br>1 yr.      |
| Civil Eng.                             | Morgan              | Tornado field study program                              | U.S. Dept. Commerce            | 2,058<br>3 mos.      |
| Microbiology-Lobund Lab.               | Asano               | Intestinal secretions                                    | Natl. Inst. Health             | 53,838<br>1 yr.      |
| Chemistry                              | Danehy              | Effect of alkali on disulfide bonds in proteins          | Natl. Inst. Health             | 25,667<br>1 yr.      |
| Urban Studies                          | Broden              | Delinquency demonstration program                        | Urban Coalition, St. Jos. Cty. | 25,033<br>8 mos.     |
| History, Economics                     | Burns, Bonello      | Instruction program in economics and American history    | (Through DPRD)                 | 203,155<br>2 yr.     |
| Sociology and Anthropology             | Rubel               | Chicano drug addiction                                   | Natl. Inst. Mental Health      | 96,854<br>1 yr.      |
| Chemistry                              | Basu                | Glycolipids metabolism in tumors and cells               | Natl. Inst. Health             | 31,986<br>1 yr.      |
| Sociology and Anthropology             | Press               | Effects of residence style in Seville, Spain             | (Through DPRD)                 | 215,400<br>3 yr.     |
| Psychology                             | Santos              | Graduate training program in aging                       | Natl. Inst. Health             | 85,618<br>1 yr.      |
| PROPOSALS FOR FACILITIES AND EQUIPMENT |                     |  |                                |                      |
| Modern Language                        | Rubulis             | Survey of Russian literature                             | (Through DPRD)                 | 15,000<br>---        |
| PROPOSALS FOR EDUCATIONAL PROGRAMS     |                     |  |                                |                      |
| Metallurgical Eng.                     | Fiore               | Materials courses for non-engineers                      | (Through DPRD)                 | 10,000<br>1 yr.      |

## Summary of Awards Received and Proposals Submitted

IN THE MONTH OF SEPTEMBER, 1972

### AWARDS RECEIVED

| Category                 | Renewal |            | New |            | Total |            |
|--------------------------|---------|------------|-----|------------|-------|------------|
|                          | No.     | Amount     | No. | Amount     | No.   | Amount     |
| Research                 | 8       | \$ 139,948 | 7   | \$ 108,068 | 15    | \$ 248,016 |
| Facilities and Equipment | 1       | 2,500      | 2   | 3,000      | 3     | 5,500      |
| Educational Programs     | 2       | 12,592     | 1   | 2,500      | 3     | 15,092     |
| Service Programs         | -       | ---        | -   | ---        | -     | ---        |
| Total                    | 11      | \$ 155,040 | 10  | \$ 113,568 | 21    | \$ 268,608 |

# PROPOSALS SUBMITTED

| Category                 | Renewal |           | New |             | Total |             |
|--------------------------|---------|-----------|-----|-------------|-------|-------------|
|                          | No.     | Amount    | No. | Amount      | No.   | Amount      |
| Research                 | 5       | \$ 87,238 | 13  | \$ 997,648  | 18    | \$1,084,886 |
| Facilities and Equipment | -       | ---       | 1   | 15,000      | 1     | 15,000      |
| Educational Programs     | -       | ---       | 1   | 10,000      | 1     | 10,000      |
| Service Programs         | -       | ---       | -   | ---         | -     | ---         |
| Total                    | 5       | \$ 87,238 | 15  | \$1,022,648 | 20    | \$1,109,886 |

## **Closing Dates for Selected Sponsored Programs**

| Agency                                       | Programs  | Application Closing Dates                |
|--|---|--|
| American Academy in Rome                     | Fellowships   | December 31, 1972                        |
| American Association of University Women     | Fellowships for Women   | December 1, 1972                         |
| American Council of Learned Societies        | Grants for Research on South Asia   | December 1, 1972                         |
|  | Travel Grants to International Congresses and Conferences Abroad                                    | 6-9 months prior to conference           |
|  | Grants for East European Studies  | December 31, 1972                        |
|  | Grants for Soviet Studies   | December 31, 1972                        |
| American Heart Association                   | Joint Funding Research Fellow   | January 1, 1973                          |
| American Philosophical Society               | Grants for Research   | December 1, 1972                         |
| Belgian American Educational Foundation      | Fellowships   | January 10, 1973                         |
| Business and Professional Women's Foundation | Sally Butler International Scholarship for Latin Graduate Fellowships                               | January 1, 1973                          |
|  |   | 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, Mexican Americans, Puerto Ricans | January 5, 1973                          |
| Henry E. Huntington Library Art Gallery      | Fellowships   | December 31, 1972                        |
| International Research and Exchanges Board   | Exchange Programs with Foreign Countries  | vary some<br>December 1, 1972            |
| National Association of Broadcasters         | Grants for Research in Broadcasting   | January 1, 1973                          |
| National Endowment for the Humanities        | Education Programs  | January 1, 1973                          |
|  | Public Programs   | (development)<br>November 15, 1972       |
|  | Research Programs   | (regional projects)<br>November 20, 1972 |
|  | Youthgrants in the Humanities   | December 3, 1972                         |
| National Institutes of Health                | Research Career Development Awards  | December 1, 1972                         |
|  | Research Development Program  | December 1, 1972                         |
| National Science Foundation                  | Graduate Fellowships in the Sciences  | November 27, 1972                        |
|  | Scientists and Engineers in Economic  | December 15, 1972                        |

|   |  |                                    |
|---|--|------------------------------------|
|   | Development Program  | December 31, 1972                  |
|   | State and Local Inter-Governmental                                       |                                    |
|   | Science Policy Planning Program  | December 1, 1972                   |
|   | Engineering Research Initiation Grants                                   | December 1, 1972                   |
|   | Regional Research Conferences in   |                                    |
|   | Mathematical Sciences  |                                    |
| National Tuberculosis and<br>Respiratory Disease<br>Association | Research Grants  | December 1, 1972                   |
| North Atlantic Treaty<br>Organization                           | Research Fellowships in the Humanities<br>and Social Sciences            | early winter                       |
| Organization of American States                                 | Fellowship Program   | December 31, 1972                  |
| Population Council  | Study Fellowships in Demography  | December 1, 1972                   |
| Society for Religion in Higher<br>Education                     | Fellowships for Cross-Disciplinary<br>Study Involving Religion           | December 1, 1972                   |
| University of Alberta   | Izaak Walton Killam Memorial<br>Postdoctoral Fellowships                 | January 1, 1973                    |
| U.S. Atomic Energy Commission                                   | Faculty Research Participation at<br>AEC Laboratories                    | December 31, 1972                  |
| U.S. Department of Transporta-<br>tion                          | University Research and Training in<br>Urban Mass Transportation         | December 1, 1972                   |
| Office of Education   | Teacher Exchange Program   | November 1-15,<br>1972             |
|   | Environmental Education Programs   | Late fall or early<br>winter, 1972 |
|   | Interinstitutional Cooperative<br>Research Abroad                        | December, 1972                     |
|   | Preparation of Professional Personnel<br>to Educate Handicapped Children | December 15, 1972                  |
|   | Research in Modern Foreign Language<br>Instruction                       | December 15, 1972                  |
| Wenner-Gren Foundation for<br>Anthropological Research          | Grants-in-aid  | December 31, 1972                  |

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# documentation

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## Committee on University Priorities

To: Trustees, faculty, students, administration, and alumni of Notre Dame

As nearly everyone connected with the Notre Dame community must have heard by now, Father Hesburgh has appointed a Committee on University Priorities which is charged to assess the University's "total mission" with a view to determining which are the most important elements of this mission "as contrasted with what might have seemed desirable under other circumstances." Such an assessment will make it easier to evaluate present and future priorities in the various areas of University life. The day-to-day running of the University requires incessant decisions, and thus involves explicit and implicit priorities. But, as Father Hesburgh notes, the present times seem to call for a thoroughgoing scrutiny of these priorities in the context of the aims of the University taken as a whole. The Committee will report to the Academic Council.

The Committee has for a start decided to set up task forces in four areas: Research and Instruction, University Disciplines, University Facilities, and Enrollment. Other groups will be constituted later. These task forces will directly involve many people outside the Committee itself, adding welcome expertise and drawing on every relevant point of view in preparation for the difficult and complex discussions that lie ahead. The composition of the first task forces will be announced shortly.

In the meantime, the Committee would like to solicit suggestions and advice from trustees, faculty, students, administration, and alumni. The matter of University priorities is one in which everyone is engaged, and on which everyone has ideas to contribute. The Committee would be ineffective if it were to attempt to work in isolation; it intends on the contrary to draw on the experience of the university community as a whole in every way that is feasible. Your help is sincerely and insistently requested in order that our task may be successfully carried through.

Sincerely,

Ernan McMullin, Secretary  
University Committee on Priorities



## Committee on the Course of Study

To: Nominees to the Committee on the Course of Study

Dr. Frederick Crosson, Dean of the College of Arts and Letters  
Chairman  
Dr. William Burke, Assistant Provost  
Secretary

Dr. David Appel, Assistant Professor of Marketing  
Mr. Antonio Colacino, Second year, Law School  
Dr. Donald Costello, Professor of English  
Dr. Dennis Dugan, Associate Professor of Economics  
Dr. John Kozak, Assistant Professor of Chemistry  
Dr. Stuart McComas, Professor of Aerospace and Mechanical Engineering  
Dr. Vaughn McKim, Associate Professor of Philosophy  
Dr. John Mihelich, Professor of Physics  
Mr. John Ring, Senior in Arts and Letters, Preprofessional Program  
Mr. David Sparks, Director of University Libraries

Dear Colleagues:

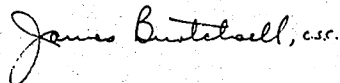
It is the intention of the Steering Committee of the Academic Council to appoint a Committee on the Course of Study, to report to the Council. The Committee's warrant would not be as diffuse as that of the Curriculum Revision Committee which functioned some five years ago. What we have in mind is a cluster of issues that relate to a single question: what is the organizing principle within the cycle of undergraduate education, the course of study for which Notre Dame confers the baccalaureate degree?

In fulfilling its mandate the Committee might explore such issues as:

1. The length and structure of baccalaureate programs;
2. The four-year master's program;
3. Early admission (after the junior year of high school);
4. Leaves of absence for students;
5. Advanced Placement;
6. Credit by examination;
7. A Common Freshman Year;
8. Interdisciplinary majors;
9. Academic advisorship;
10. Compatibility of undergraduate and graduate programs.

These issues are all somehow interconnected. Enough experience and reflection has occurred since the last curriculum revision, we believe, to justify a fresh and focused study. The Council would expect a presentation from the Committee early enough in the spring to allow some implementation by next autumn.

Devotedly,



(Rev.) James T. Burtchael, C.S.C.  
Provost  
Chairman: Steering Committee of the Academic Council

## Affirmative Action Analysis

Rev. James Burtchael, C.S.C.  
Provost  
University of Notre Dame  
Notre Dame, Indiana

Dear Father Burtchael:

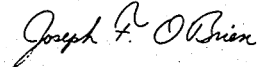
In a response to Mr. John R. Hodgdon, Regional Civil Rights Director of H.E.W., on July 8, 1972 Rev. Theodore M. Hesburgh, C.S.C. outlined some additions to and modifications of the University's Affirmative Action Program.

These additions and modifications focused on three major areas:

1. The numerical goals of minority group and female representation on the faculty.
2. The numerical goals of minority group and female representation within the Doctoral Degree Programs.
3. Numerical increase goals of minority group representation in certain Staff Departments.

We have studied how we are measuring up with regard to the three areas of concern. We present the enclosed analysis for your review.

Sincerely yours,



Joseph F. O'Brien  
Director of Personnel

During the month of February, 1971 a Contract Compliance Team from H.E.W.'s Office of Civil Rights conducted a review of Notre Dame's EEO status and Affirmative Action implementation. In March, 1971 Reverend Theodore M. Hesburgh, C.S.C., responded to that team's report and recommendations reaffirming and explaining the University's policies on EEO and Affirmative Action. At that time, Father Hesburgh set percentage goals and timetables for minority and female recruitment of faculty, minority and female admissions to the Graduate School and numerical goals and timetables for staff hires from minority groups. He also set numerical goals and timetables for staff promotions of female and minority group employees singling out certain specific departments for concentrated effort.

On June 18, 1971 the Regional Civil Rights Director, Mr. John R. Hodgdon, advised the University of H.E.W.'s evaluation of Notre Dame's EEO and Affirmative Action posture. That response indicated that Notre Dame's plan showed the required commitment for Affirmative Action in the recruitment and upgrading of minorities and women. However, H.E.W. required a deeper analysis of problem areas and a numerical breakdown of departmental goals and timetables rather than the percentages given previously.

On July 8, 1971 Father Hesburgh sent back the University's pledge of continued efforts and outlined the additions and modifications with numerical goals so that Notre Dame's plan would be fully acceptable to H.E.W.

The analysis of the three major divisions of Father Hesburgh's commitment are presented here.

1. The overall numerical goals of minority representation on the faculty:

| <u>Year</u> | <u>Goal</u> | <u>Actual</u> |
|-------------|-------------|---------------|
| 1970-71     | --          | 43            |
| 1971-72     | 50          | 53            |
| 1972-73     | 60          | 51            |
| 1973-74     | 70          | --            |
| 1976-77     | 80          | --            |

2. The overall numerical goals of female representation on the faculty:

| <u>Year</u> | <u>Goal</u> | <u>Actual</u> |
|-------------|-------------|---------------|
| 1970-71     | --          | 51            |
| 1971-72     | 50          | 48            |
| 1972-73     | 70          | 45            |
| 1973-74     | 80          | --            |
| 1976-77     | 100         | --            |

3. Numerical Goals of Black faculty members by Major Division:

| <u>Division</u>      | <u>Year - Goals/Actual</u> |                |                |                |
|----------------------|----------------------------|----------------|----------------|----------------|
|                      | 1971-72<br>G/A             | 1972-73<br>G/A | 1973-74<br>G/A | 1976-77<br>G/A |
| Arts and Letters     | 5/7                        | 7/6            | 8              | 9              |
| Science              | 1/0                        | 3/0            | 3              | 4              |
| Engineering          | 0/0                        | 2/0            | 3              | 4              |
| Bus. Admin.          | 1/0                        | 2/1            | 3              | 4              |
| Studies in Education | 0/                         | 1/0            | 1              | 1              |
| Law                  | 1/0                        | 2/0            | 2              | 2              |
| Library              | 1/1                        | 2/1            | 3              | 3              |
| Others:              |                            |                |                |                |
| Urban Studies        |                            |                |                |                |
| Study of Man         | 0/1                        | 0/2            | 0              | 0              |
| Freshman Year        |                            |                |                |                |
| Advanced Studies     |                            |                |                |                |
| Totals               | 9/9                        | 19/10          | 23/            | 27/            |

4. Numerical Goals of other than Black minority faculty members

|        | 1971-72<br>G/A | 1972-73<br>G/A | 1973-74<br>G/A | 1976-77<br>G/A |
|--------|----------------|----------------|----------------|----------------|
| Totals | 39/44          | 39/41          | 45             | 51             |

5. Numerical Goals of Female faculty members by Major Division:

| <u>Division</u>      | <u>Year - Goals/Actual</u> |                |                |                |
|----------------------|----------------------------|----------------|----------------|----------------|
|                      | 1971-72<br>G/A             | 1972-73<br>G/A | 1973-74<br>G/A | 1976-77<br>G/A |
| Arts and Letters     | 21/23                      | 31/18          | 35             | 45             |
| Science              | 9/4                        | 12/4           | 15             | 18             |
| Engineering          | 0/0                        | 0/0            | 0              | 0              |
| Bus. Admin.          | 0/0                        | 0/0            | 1              | 2              |
| Studies in Education | 1/0                        | 2/0            | 3              | 4              |
| Law                  | 1/2                        | 2/1            | 3              | 4              |
| Library              | 20/17                      | 23/18          | 23             | 27             |
| Others:              |                            |                |                |                |
| Urban Studies        |                            |                |                |                |
| Study of Man         | 0/2                        | 0/4            | 0              | 0              |
| Freshman Year        |                            |                |                |                |
| Advanced Studies     |                            |                |                |                |
| Archives             |                            |                |                |                |
| Totals               | 52/48                      | 70/45          | 80/            | 100/           |

6. Numerical Goals of Females within the Doctoral Degree Programs. (No goal was set for 72-73)

| <u>Department</u>      | <u>Year</u>     |                          |                 |                 |
|------------------------|-----------------|--------------------------|-----------------|-----------------|
|                        | 1971-72<br>Goal | 1972-73<br><u>Actual</u> | 1973-74<br>Goal | 1976-77<br>Goal |
| <u>Humanities</u>      |                 |                          |                 |                 |
| English                | 39              | 42                       | 37              | 35              |
| History                | 7               | 7                        | 6               | 5               |
| Med. Studies           | 0               | 0                        | 0               | 0               |
| Philosophy             | 10              | 11                       | 8               | 6               |
| Theology               | 8               | 9                        | 6               | 4               |
| <u>Social Sciences</u> |                 |                          |                 |                 |
| Economics              | 3               | 6                        | 2               | 2               |
| Education              | 17              | 13                       | 17              | 16              |
| Government             | 2               | 4                        | 2               | 2               |
| Psychology             | 4               | 7                        | 4               | 3               |
| Sociology              | 5               | 10                       | 5               | 5               |
| <u>Science</u>         |                 |                          |                 |                 |
| Biology                | 5               | 9                        | 4               | 4               |
| Chemistry              | 10              | 6                        | 9               | 8               |
| Math                   | 2               | 1                        | 2               | 2               |
| Microbiology           | 4               | 5                        | 3               | 2               |
| Physics                | 3               | 2                        | 3               | 2               |
| <u>Engineering</u>     |                 |                          |                 |                 |
| Aerospace              | 0               | 0                        | 1               | 1               |
| Chemical               | 0               | 0                        | 0               | 1               |
| Civil                  | 0               | 0                        | 0               | 1               |
| Electrical             | 0               | 0                        | 0               | 1               |
| Engineering Science    | 0               | 0                        | 0               | 0               |
| Mechanical             | 0               | 0                        | 0               | 0               |
| Metallurgical          | 0               | 0                        | 0               | 0               |
| Totals                 | 119             | 132                      | 110             | 100             |

7. Numerical Goals of Minority Group Representation with Doctoral Degree Programs. (No Goal was set for 72-73)

| <u>Department</u>      | <u>Year</u>     |                          |                 |                 |
|------------------------|-----------------|--------------------------|-----------------|-----------------|
|                        | 1971-72<br>Goal | 1972-73<br><u>Actual</u> | 1973-74<br>Goal | 1976-77<br>Goal |
| <u>Humanities</u>      |                 |                          |                 |                 |
| English                | 2               | 1                        | 2               | 2               |
| History                | 1               | 6                        | 1               | 2               |
| Med. Studies           | 0               | 0                        | 0               | 1               |
| Philosophy             | 0               | 1                        | 1               | 1               |
| Theology               | 2               | 1                        | 2               | 2               |
| <u>Social Sciences</u> |                 |                          |                 |                 |
| Economics              | 9               | 3                        | 9               | 10              |
| Education              | 2               | 3                        | 2               | 2               |
| Government             | 6               | 3                        | 6               | 6               |
| Psychology             | 0               | 3                        | 1               | 2               |
| Sociology              | 8               | 11                       | 8               | 10              |
| <u>Science</u>         |                 |                          |                 |                 |
| Biology                | 2               | 4                        | 3               | 4               |
| Chemistry              | 4               | 7                        | 4               | 5               |
| Mathematics            | 3               | 7                        | 4               | 5               |
| Microbiology           | 2               | 3                        | 2               | 3               |
| Physics                | 5               | 13                       | 5               | 6               |

|                     |          |          |          |          |
|---------------------|----------|----------|----------|----------|
| Engineering         |          |          |          |          |
| Aerospace           | 0        | 0        | 0        | 1        |
| Chemical            | 3        | 3        | 3        | 3        |
| Civil               | 1        | 4        | 1        | 2        |
| Electrical          | 2        | 8        | 2        | 2        |
| Engineering Science | 3        | 3        | 3        | 3        |
| Mechanical          | 2        | 4        | 2        | 2        |
| Metallurgical       | <u>1</u> | <u>3</u> | <u>1</u> | <u>1</u> |
| Totals              | 58       | 91       | 62       | 75       |

8. Non Academic Staff Increases in Minority Group Representation by Specific Department

| Department           | Year - Goal/Actual |               |               |               |
|----------------------|--------------------|---------------|---------------|---------------|
|                      | 7-1-71<br>G/A      | 1-1-72<br>G/A | 7-1-72<br>G/A | 7-1-73<br>G/A |
| Accounting           | 0/0                | 0/1           | 1/1           | 1/            |
| Athletic             | 1/1                | 1/1           | 0/0           | 1/            |
| Building Maintenance | 6/6                | 4/11          | 0/9           | 0/            |
| Bus. Admin.          | 0/0                | 0/0           | 1/0           | 0/            |
| College of Engr.     | 0/0                | 0/0           | 1/0           | 1/            |
| Center for Con. Edu. | 0/0                | 1/0           | 0/0           | 0/            |
| Chemistry            | 0/1                | 0/2           | 1/0           | 1/            |
| Comp. Center         | 0/0                | 0/1           | 1/0           | 0/            |
| Development          | 1/1                | 0/0           | 1/0           | 0/            |
| Freshman Year        | 0/0                | 0/0           | 0/0           | 1/            |
| Infirmery            | 0/0                | 0/0           | 1/0           | 1/            |
| Personnel            | 0/0                | 1/1           | 0/1           | 0/            |
| Physics              | 1/1                | 1/0           | 0/0           | 1/            |
| Power Plant          | 0/0                | 0/0           | 0/0           | 1/            |
| Purchasing           | 0/0                | 0/0           | 0/0           | 1/            |
| Radiation Lab        | 0/0                | 1/3           | 0/1           | 1/            |
| Security             | 0/0                | 1/1           | 1/0           | 0/            |
| Stud. Accounts       | 0/0                | 0/0           | 1/0           | 0/            |
| Warehouse            | <u>0/0</u>         | <u>0/0</u>    | <u>1/0</u>    | <u>0/</u>     |
| Totals               | 9/10               | 10/21         | 10/12         | 10/           |

- Note:
1. During the period from our Civil Rights Inspection through 6-30-72 a total of 38 minority group employees were hired into Staff jobs.
  2. During the period 7-1-71 through 12-31-71 a total of 90 minority group employees were hired into staff jobs.
  3. During the period 1-7-72 to 6-20-72 a total of 50 minority group employees were hired into Staff jobs.
  4. During the period 7-1-72 through 9-30-72 a total of 60 minority group employees were hired into Staff jobs. This includes 1 in Athletic, 8 in Building Maintenance, 1 in Computing Center, 1 in Physics, 3 in Radiation Laboratory, and 1 in Security.

# Minutes of the Academic Council Meeting October 9, 1972

The Academic Council met on October 9, 1972 and took action on these items.

## Item I: Student Membership on the Council.

When the Academic Council approved student membership on the Academic Council on September 20, 1970 this approval was for a two year period. The Council at that time stated that at the end of this two year period the Academic Council should review this policy and determine if it should be continued or altered.

It was called to the attention of the Council that the two year period had terminated and some action was necessary. Since the Council will discuss the composition of the Academic Council in the course of its deliberations on the revision of the Faculty Manual this motion was presented:

### Motion:

That the student membership on the Academic Council continue according to the policy of the Council as determined September 20, 1970 until a new Manual has been approved.

This motion was seconded and approved by voice vote.

## Item II: Steering Committee.

It was agreed to have an election at the next meeting of the Academic Council to fill the one vacancy that exists on the Steering Committee. This vacancy was caused by the graduation of a student member of this Committee.

## Item III: Committee on the Course of Study.

Father Burtchae11 announced the establishment of a Committee on the Course of Study. The membership of this Committee and its mandate is reported in Notre Dame Report 4 under the "documentation" section. (See page 111).

## Item IV: Faculty Manual.

Father Burtchae11 explained that in preparing material for the Academic Council to consider in its work on revising the Faculty Manual the Steering Committee had considered at length all the suggestions and recommendations it had received. These suggestions came from various bodies and individuals in the University and ranged from drafts of a complete text to suggestions concerning particular items in the present Faculty Manual. The Steering Committee collated all these recommendations. Then working first in smaller groups and then as a whole Committee the Steering Committee considered all of these recommendations, made decisions and on the basis of all this prepared a proposed draft of a revised text for presentation to the Academic Council for its consideration. Copies of this proposed draft and copies of the work sheets on which all suggestions received are collated were given to members of the Academic Council.

With this material at hand the Academic Council will at its next meeting discuss and decide on a procedure for revising the present Faculty Manual.

## Item V: A Faculty Senate Resolution.

At a meeting of the Faculty Senate on May 9, 1972 this resolution was unanimously passed by the Senate:

We resolve that it is in the best interests of maintaining the quality of the Psychological Services Center that its members be defined as part of the teaching-and-research faculty. We recommend that this status be either within the Center or as part of an academic department of the University.

In a letter to Father Burtchae11, the provost, a letter from Professor Gerald L. Jones, chairman of the Faculty Senate, and signed by 10 members of the Academic Council, requested that this resolution be placed on the agenda of the Academic Council at its next meeting.

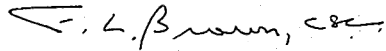
After some discussion it seemed that the resolution involved a possible revision of the Faculty Manual. Since this general revision will be the principal work of the Council in its next several meetings, it was suggested that perhaps this resolution should best be discussed at the appropriate time in the context of these discussions. This motion was presented.

Motion:

That this resolution be tabled for the present and reopened for discussion when the appropriate section of the Faculty Manual is being considered for revision.

This motion was seconded and approved by voice vote.

Respectfully submitted,

F. L. Brown, sec.

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

October 17, 1972



## Schedule of Masses in residence halls

| <u>HALL</u>    | <u>DAILY MASS</u>  | <u>SUNDAY MASS</u>   |
|----------------|--|--|
| ALUMNI         | Varies - see hall bulletin board                         | Saturday midnight,<br>11 p.m. Sunday in hall lounge                  |
| BADIN          | 10:30 p.m. Wed. & Mon.                                   | See bulletin board   |
| BREEN-PHILLIPS | Varies - see hall bulletin board                         | 10:30 p.m. Sunday<br>Saturday midnight                               |
| CARROLL        | 5:00 p.m. Mon-Fri  | 10:00 a.m. Sunday  |
| DILLON         | 8:00 a.m. Mon-Sat<br>11:00 p.m. Mon-Fri                  | 11:00 p.m. Saturday<br>11:00 a.m. Sunday                             |
| FARLEY         | 5:00 p.m. Mon-Fri  | 5:00 p.m. Saturday<br>10:00 p.m. Sunday                              |
| FISHER         | 5:00 p.m.  | 11:00 a.m. Sunday  |
| FLANNER        | 11:00 p.m. Mon-Thurs<br>5:00 Saturday                    | Saturday midnight<br>5:00 p.m. Sunday<br>7:00 p.m. Sunday (CILA)     |
| GRACE          | 11:00 p.m. Mon-Thurs<br>5:00 p.m. Fri                    | Saturday midnight<br>11:00 a.m. Sunday                               |
| HOLY CROSS     | 11:15 p.m. Mon-Fri                                       | Saturday midnight  |
| HOWARD         | 11:00 p.m. Mon-Fri                                       | Saturday midnight  |
| KEENAN         | 5:10 p.m. Mon-Fri<br>11:00 p.m. Mon-Thurs                | Saturday midnight<br>11:00 a.m. Sunday (Urchins)<br>5:00 p.m. Sunday |
| LEWIS          | 5:15 p.m. Mon-Fri<br>11:00 a.m. Sat<br>9:30 a.m. Mon-Sat | 11:00 p.m. Saturday<br>9:30 a.m. Sunday                              |
| LYONS          | 11:30 p.m. Mon & Fri<br>7:00 p.m. Tues & Thurs           | Saturday midnight<br>11:30 a.m. Sunday                               |
| MORRISSEY      | 11:00 p.m. Mon-Fri<br>Confession 10:30 - 11:00 p.m. Wed. | Saturday midnight<br>11:00 p.m. Sunday                               |
| OLD COLLEGE    | 10:30 Mon-Sat. in Log Chapel                             | 10:30 p.m. Sat   |
| PANGBORN       | 10:00 p.m. Mon-Fri                                       | 10:45 p.m. Saturday<br>5:00 p.m. Sunday                              |
| ST. EDWARDS    | 10:30 p.m. Mon-Thurs                                     | 10:30 p.m. Sunday  |
| SORIN          | 5:15 p.m. Mon & Wed & Fri<br>10:30 p.m. Tues & Thurs     | 10:30 a.m. Sunday  |
| STANFORD       | same as Keenan   | same as Keenan   |
| ZAHM           | 10:00 p.m. Mon-Fri                                       | Saturday midnight  |
| CAVANAUGH      | Varies - see hall board                                  | See bulletin board   |
| WALSH          | 10:30 p.m. Tues & Thurs.                                 | See bulletin board   |

## Revised Academic Calendar---Spring Semester 1973

|                |                  |   |
|----------------|------------------|---|
| Jan. 15        | Monday           | Orientation for new students.   |
| Jan. 16        | Tuesday          | Registration Day.   |
| Jan. 17        | Wednesday        | Classes begin at 8:00 a.m.  |
| Jan. 22        | Monday           | Latest date for all class changes.  |
| Feb. 12-16     | Mon thru Fri     | Enrollment reservations for the Fall Semester 1973-74. (Payment of \$50 fee required.)  |
| Feb. 19        | Monday           | Washington's Birthday (classes meet).   |
| March 8        | Thursday         | Midsemester Reports of Deficient Students.  |
| March 9        | Friday           | Midsemester vacation begins after last class.   |
| March 19       | Monday           | Classes resume at 8:00 a.m.   |
| April 18       | Wednesday        | Easter holiday begins after last class.   |
| April 24       | Tuesday          | Classes resume at 8:00 a.m.   |
| April 25-May 4 | Wed thru Fri     | Room reservations for Fall Semester 1973-74.  |
| April 26-May 3 | Thurs thru Thurs | Advance registration for the Fall Semester 1973-74 and for the Summer Session 1973.     |
| May 8          | Tuesday          | Last class day.   |
| May 9-16       | Wed thru Wed     | Final Examinations (Grades due 48 hours after exam is given. No Sunday exam on May 13.) |
| May 17         | Thursday         | Graduating student grades are due.  |
| May 19-20      | Sat & Sun        | Commencement Weekend.   |

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

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