

'75-'76

notre dame report

contents

June 25, 1976

the university

- 423 University Press
- 423 Telephone Listings
- 423 Computer Courses
- 423 Mathis Award
- 423 Tuition Increase
- 424 Academic Year Opening
- 424 Hunger Coalition

faculty notes

- 424 Appointments
- 425 Honors
- 425 Activities
- 427 Deaths
- 427 Correction

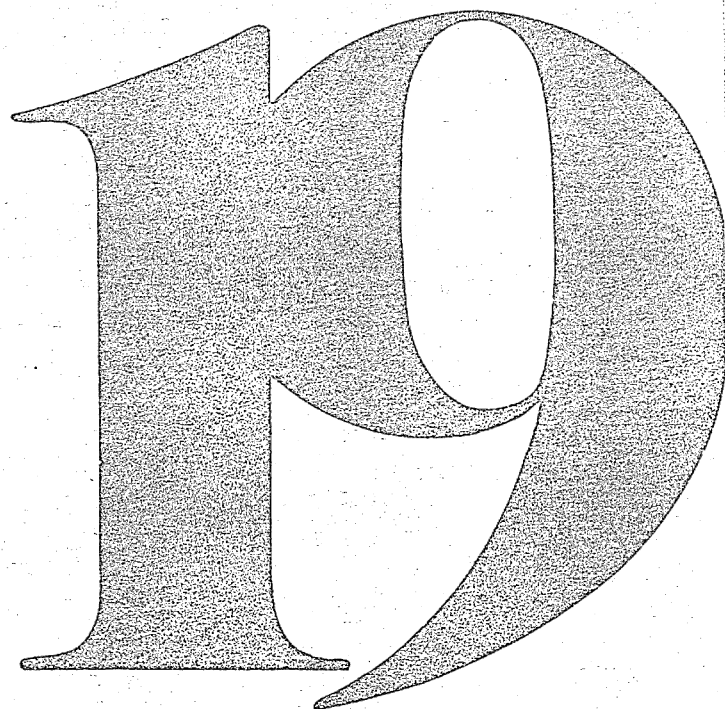
office of advanced studies

Information Circulars

- 428 National Endowment for the Arts Fellowship Grants for Composers and Librettists (No. FY76-73)
- 428 Woodrow Wilson International Center for Scholars--Fellowships 1976/77 (No. FY76-74)
- 429 The Harry S. Truman Library Institute Grants-in-Aid Program (No. FY76-75)

- 429 Saint Louis University The Pius XII Memorial Library, Vatican Film Library (No. FY76-76)
- 430 American Council of Learned Societies ACLS Fellowships and Grants for Postdoctoral Research and Study (No. FY76-77)
- 431 Institute for Ecumenical and Cultural Research--Support Opportunities (No. FY76-78)
- 431 Harry S. Truman Scholarship Foundation The Harry S. Truman Scholarships (No. FY76-79)
- 431 National Science Foundation Scientists and Engineers in Economic Development Program (No. FY76-80)
- 432 National Science Foundation United States-India Exchange of Scientists (No. FY76-81)
- 433 United States-Israel Binational Science Foundation--Professor E.D. Bergmann Memorial Research Grants (No. FY76-82)
- 434 The University of Texas System The Wilson S. Stone Memorial Award (No. FY76-83)

(Continued on back cover)



the university

University Press

The American Council of Learned Societies (ACLS) has given a \$5,000 grant to the University of Notre Dame Press "in recognition of its contribution to humanistic scholarship."

Press director James Langford said the grant is to be used within three years to support the publication of first or second books by scholars in the fields of the humanities.

The recommendation for the grant came from the ACLS Committee on Awards to University Presses, and the funds for such awards were originally made available to the ACLS by the Mellon Foundation.

Telephone Listings

The Personnel Department has requested that University employees notify the Personnel office by July 1 of any changes in telephone listings (either names or numbers) for the 1976-77 University telephone directory.

Computer Courses

Six specialized courses in computer language will be offered this summer by the University of Notre Dame Computing Center for persons who have some experience in working with computers. The tuition-free, non-credit courses consist of two or three one-hour sessions, all beginning at 3:30 p.m., and will be held in room 115 of the Computing Center/Mathematics Building.

A course in IBM Job Control Language (JCL) was held June 22 and 24. The remaining courses include: --The Statistics Package for Social Scientists (SPSS), June 28, 30 and July 2.--Introduction to Data Set Utilities, June 6 and 8.--TSO Command Language for Administrative

Applications, July 12, 14 and 16.--The BASIC Computer Language, July 19, 21 and 23.--FORTRAN Language with Extended Control Structures (FLECS), July 27 and 29. For further information, contact the Notre Dame Computing Center, 283-7784.

Mathis Award

Rev. James D. Shaughnessy, a Peoria, Ill., diocesan priest who was the first director of the Murphy Center for Liturgical Studies at the University of Notre Dame, became the first recipient of the Center's Michael Mathis Award for contributions to pastoral liturgy in America on June 9.

Father Shaughnessy accepted the award from Rev. John J. Gallen, S.J., who succeeded him as director in 1975, at a special ceremony during the Fifth Annual Conference of the Liturgical Center held at Notre Dame June 7-10. The award, to be given annually, is named in memory of the Holy Cross priest who laid the groundwork for the University's graduate program in liturgical studies.

Now pastor of St. Cecilia's Church in Peoria, Father Shaughnessy headed the Center from its establishment in 1971 by a gift of George and Mary Murphy of Wilmette, Ill., and he continues as director of the board.

Tuition Increase

The University has announced a \$250 increase in undergraduate tuition, bringing it to \$3,230 a year, as well as a \$50 increase in room and board charges, which will now average \$1,350. The increases were voted by the University's Board of Trustees and announced in a letter to parents of undergraduates by Rev. Theodore M. Hesburgh, C.S.C., president of the University. Graduate tuition was also increased \$250 to \$3,050 annually.

Vol. 5, No. 19

June 25, 1976

Notre Dame Report is an official publication published fortnightly during the school year, monthly in summer, by the University of Notre Dame, Department of Information Services.

Application to mail at second-class postage rates is pending at Notre Dame, Indiana.

©1976 by the University of Notre Dame. All rights reserved.

Academic Year Opening

The Opening Mass of the 1976-77 academic year will be celebrated in Sacred Heart Church Sunday, September 12, at 10:45 a.m. Rev. Theodore M. Hesburgh, C.S.C., will be the principal celebrant, and Rev. James T. Burtchaell, C.S.C., will preach the sermon. Faculty will assemble in academic garb at 10:30 a.m. in the Administration Building. (Note: This date is a change from that given in the Academic Calendar announced earlier.)

The President's Reception for new faculty members will be from 2 to 4 p.m. on the same date in the Center for Continuing Education.

Hunger Coalition

More than 13,000 meals went uneaten by Notre Dame students this past year, and their voluntary fast raised \$9,800 for the world's hungry.

Several hundred students pledged to forgo their Wednesday dinners in Notre Dame dining halls if the University contributed the cost of the meals to the campus World Hunger Coalition for distribution to international relief agencies.

The coalition also conducts a yearly money-raising campaign among Notre Dame professors and administrators.

faculty notes

Appointments

Msgr. John J. Egan, director of the University's Center for Pastoral and Social Ministry, has been appointed special assistant to Notre Dame's president, effective July 1. He will continue to manage the activities of his own center, which now becomes a single agency of coordination for four other programs in service of the Church--the Murphy Center for Liturgical Research; the Notre Dame Institute for Clergy Education; the Center for Human Development, and the Religious Leaders Program. These activities have heretofore been operating as autonomous entities under the Department of Theology. As special assistant to Father Hesburgh, Msgr. Egan will represent the University in relations with outside religious organizations. He will also supervise all non-University, Church-related groups which operate on the Notre Dame campus, including the Catholic Committee on Urban Ministry, which he founded in 1967, and endeavor to engender financial support to sustain all collaborative activities between the Church and the University. "The mode of service to Christian ministry will be primarily intellectual," observed Father Burtchaell, under whose office Msgr. Egan's new assignments fall. "The Center will assure that Notre Dame's resources are offered as effectively and generously as possible to the Church and also that such service encourages, rather than distracts us from, our primary mission of scholarship."

Sister John Miriam Jones, S.C., who joined the University's Provost Office in 1972 to supervise the change-over to undergraduate coeducation, has been named assistant provost of the University, effective September 1. She succeeds William M. Burke, professor emeritus of English, who is retiring from the position he has held since 1971. Burke will remain in the Provost's Office on a part-time basis. University provost, Father James T. Burtchaell, said Sister John would continue supervising coeducation at the University and take on other responsibilities, such as administration of joint programs with Saint Mary's College. She will also continue to teach in the Department of Microbiology, where she holds an assistant professorship and where she conducted bone marrow transplant research leading to her doctorate from Notre Dame in 1970.

Thomas J. Mason, director of financial affairs at the University of Michigan Hospital, has been elected by the Notre Dame Board of Trustees to the position of vice president of business affairs, effective July 1. He succeeds Rev. Jerome J. Wilson, C.S.C., who is retiring after 24 years in the position but who will remain at Notre Dame in the newly created post of executive administrator of physical plant. Mason, a certified public accountant, received his B.S. in accounting and his M.B.A. from the University of Detroit and has taught accounting there and more recently at Eastern Michigan University. He joined the Michigan administration in 1964 as assistant chief accountant and was appointed to his present position in 1974.

Joseph F. O'Brien, director of personnel, has been appointed business manager of athletics at Notre Dame. O'Brien will also hold the title of assistant director of athletics. Col. John J. Stephens, who has held the position of assistant director of athletics since 1968, has been designated associate director of athletics. O'Brien joins Sports Information Director Roger O. Valdiserri, whose appointment as an assistant director of athletics was announced recently, in a new organizational structure within the Department of Athletics, headed by Edward W. Krause.

Honors

Salvatore J. Bella, Jesse Jones Professor of Management, has been appointed to the Advisory Council of the Ottawa (Kansas) University School of Business.

Isabel Charles, dean of the College of Arts and Letters, was awarded an Honorary Doctor of Humane Letters Degree at commencement ceremonies of Albertus Magnus College in New Haven, Connecticut, May 24.

The Class of 1976 in the Masters in Business Administration program voted Byung T. Cho, associate professor of finance, outstanding teacher in the first year and Edward R. Trubac, director of the master's in institutional Administration Program, outstanding teacher in the second year.

John W. Lucey, associate professor of space and mechanical engineering, has been elected chairman of the Mathematics and Computation Division of the American Nuclear Society.

A. Edward Manier, associate professor of philosophy, has been named a fellow of the National Humanities Institute at the University of Chicago for the 1977-78 academic year. He will join other scholars during the year of residency in the development of new courses relating to the general theme of "Society and Technology."

Rev. Daniel J. O'Neil, C.S.C., director of Office of International Student Affairs, was re-elected regional chairman of the National Association for Foreign Student Affairs at the national conference in San Diego in May.

Norlin G. Rueschhoff, associate professor of accountancy, has been elected treasurer of The Michiana Chapter of the National Association of Accountants.

Marshall Smelser, professor of history, has been appointed to the Advisory Council of the Indiana legislature's Select Committee on the Centennial History of the General Assembly, a research and writing program expected to extend over the next five years.

Activities

Hafiz Atassi, associate professor of aerospace and mechanical engineering, attended the Annual Air Force Office of Scientific Research meeting on the Aerodynamics of Turbomachines and gave a lecture May 17 at Wright Patterson Air Force Base entitled "Unsteady Aerodynamics of Highly Cambered Airfoils." He also gave an invited lecture at the Aeroacoustics and Noise Abatement meeting at NASA Lewis Research Center, Cleveland, May 18, entitled "Influence of Blade Loading on the Noise of Turbojet Fans."

William E. Biles, associate professor and Thomas J. Cullinane, assistant professor of aerospace and mechanical engineering, attended the 1976 AIIE Conference in St. Louis, May 18-21, and presented a paper entitled "Analysis and Design of Semi-Automated Warehousing Operations."

Yu-chi Chang, associate professor of management, Kwan S. Kim, associate professor of economics, delivered a paper on "The Socio-Economic Determinants of Gasoline Conservation Measures: Rationing or higher Prices?" at the 1976 Midwest Aids Conference in Detroit, May 6-8.

Isabel Charles, dean of the College of Arts and Letters, gave the commencement address at Albertus Magnus College, New Haven, Connecticut, May 24.

James M. Daschbach, professor of aerospace and mechanical engineering, presented a paper entitled "The Computer in Measuring Judicial Productivity," at the Computers and Industrial Engineering Conference, Tulsa, Oklahoma, June 2-5.

Robert A. Dreves and James R. Stock, assistant professors of marketing, conducted a seminar entitled, "Marketing: Strategies for Success and Survival", on four consecutive Tuesdays, beginning April 20 at Notre Dame. The seminar was sponsored by the Small Business Administration and the Notre Dame College of Business Administration.

Astrik L. Gabriel, director of the Frank M. Folsom Ambrosiana Microfilm and Photographic Collection chaired a session of the Mediaeval Conference at Western Michigan University in Kalamazoo on May 5 and conducted discussions on papers devoted to "Libraries: A Chapter of Intellectual History."

Philip Gleason, professor of history, presented a paper entitled "Confusion Compounded: The Melting Pot in the Sixties and Seventies" to the spring meeting of the Ohio-Indiana American Studies Association at Bowling Green State University on May 1.

Animesh Ghoshal, assistant professor of finance, served as a panel discussant on "Economic Development in Liberia" at the Eighth Annual Liberian Studies Conference at Indiana University in Bloomington, April 10. Professor Ghoshal spoke on "The World Food Grain Situation" at a panel discussion entitled "An Unequal Contest" organized by the Program on Non-Violence at Notre Dame as part of Food Day, April 8.

William I. Heisler, assistant professor of management, served as session chairman at the 12th Annual Meeting of the Midwest Business Administration Association in St. Louis, April 1-3. The session theme was "Current Management and Organizational Issues." He also presented a paper entitled, "Which Way to the Top? A Comparison of MBA Student and Chief Executive Officer Perceptions of Corporate Promotion Practices," at the 13th Annual Meeting of the Eastern Academy of Management in Washington, D.C., May 13-15.

Nai-Chien Huang, associate professor of aerospace and mechanical engineering, has been awarded a 10-week National Science Foundation Faculty Research Participation grant, at the Research Laboratory of U.S. Steel Corporation, Monroeville, Pennsylvania.

John Huber, administrative assistant in the Department of Preprofessional Studies, was an invited participant at the National Conference on Advocacy and Protective Services as related to PL 94-103, The Developmentally Disabled Assistance and Bill of Rights Act, held March 31-April 2 in Dallas. The conference was sponsored by the Department of Health, Education and Welfare Office of Human Development.

Kook-Ching Huber, assistant professional specialist in the Social Science Training and Research Laboratory, delivered a lecture May 17 on computer software packages for time-series analysis at Michigan State University in East Lansing.

Sister John Miriam Jones, S.C., assistant provost, delivered a paper entitled "Women and Religion" at the June 4 Louisiana Governor's Conference on the Status of Women, in Baton Rouge, Louisiana.

Sister Madonna Kolbenschlag, assistant professor of American Studies, spoke at the Akron University Newman Center in Akron, Ohio, May 11, on "Women and the Church: Misbegotten Myths."

Ken Milani, assistant professor of accountancy, addressed a joint meeting of the Central Illinois Chapter of the American Marketing Association and the Sangamon Valley Chapter of the National Association of Accountants in Springfield, Illinois, May 11, on the topic: "Should Marketing Have a Role in Accounting Decisions?"

Thomas J. Mueller, professor of aerospace and mechanical engineering, presented a talk entitled "Exhaust Nozzle-Afterbody Flow Interactions for High Speed Aircraft," at the Propulsion Interaction Workshop, NASA Langley Research Center, Hampton, Virginia, May 19.

James W. Pattillo, Peat, Marwick, Mitchell Professor of Accountancy, presented speech to National Investors Relations Institute, Cleveland Chapter, entitled "The Importance of Materiality to the Corporate Investor," May 11, in Cleveland, Ohio. He also spoke at the University of Tennessee in Knoxville on "Materiality in Accounting and Reporting," May 6.

Michael K. Sain, professor of electrical engineering, presented an invited lecture on "New Alternatives for Digital Control of Multivariable Systems" to the Michiana Section of the Institute of Electrical and Electronics Engineers in South Bend on May 20.

William P. Sexton, associate professor of management, presented series of papers on "Personal Administrative Development on Health Care Institutions" for the administrative, medical and nursing staffs of Providence Hospitals at the University of Maryland, College Park, Maryland, May 5. Professor Sexton presented a paper entitled "Conflict Resolution in the Hospital" in the Catholic Hospital Association Annual Symposium on Administration of Patient Care in St. Louis, May 15 and a paper on "Effective Development of Group Life" at the Annual Meeting of the Indiana Education Institute in Indianapolis, May 21.

Roger B. Skurski, association professor of economics, participated in a panel discussion, "The Soviet World After Brezhnev," at the Midwest Slavic Conference in Chicago, May 6-7.

James P. Sterba, assistant professor of philosophy, presented a symposium paper entitled, "Can a Person Deserve Mercy?" at the Western Division Meeting of the American Philosophical Association in New Orleans, April 29-May 1. He presented a paper, "A Defense of Rawls against Arrow and Nozick," at a meeting of The Society for Exact Philosophy in Detroit May 20-22. Professor Sterba has been recently awarded a grant of \$4000 by the Ludwig Vogelstein Foundation, Inc., for a study on the foundations of social contract theory.

Thomas L. Theis, assistant professor of civil engineering, presented a seminar on May 24 on "The Sorbative Characteristics of Heavy Metals in Fly Ash - Soil Environments" for the U.S. Geological Survey at Menlo Park, California. He also spoke on "Lake Restoration by Nutrient Inactivation Using Fly Ash" on May 26 at the U.S. Environmental Protection Agency's Corvallis Environmental Research Laboratory in Corvallis, Oregon.

Rev. William Toohey, C.S.C., director of Campus Ministry, conducted the annual retreat for the priests of the Milwaukee archdiocese, June 7-11, at St. Francis Major Seminary, Milwaukee, Wisconsin.

Edward R. Trubac, associate professor of finance and business economics, made a presentation entitled the "Long Term Outlook for the Foundry Industry" at the annual meeting of the National Foundry Association in Chicago, May 20.

Erhard M. Winkler, professor of earth sciences, has been selected by the National Park Service to spend June 1-Aug. 30 surveying national monuments in Washington, D.C., and southwest states. Funded by the National Bureau of Standards for Building Technology, the survey will include preservation techniques for decaying stone structures in the Mesa Verde National Park and nearby adobe communities. Professor Winkler also participated in a series of lectures and conferences on stone decay and stone preservation in Ottawa, Canada, May 4-7. He delivered addresses on "Stone in Man's Environment" and "Stone Decay."

Deaths

Ernest H. Brandl, 78, professor emeritus in the Department of Architecture, died May 19 in South Bend.

T. Bowyer Campbell, 88, former professor of English and American history from 1931 to 1947, died April 27 in Bedford, Virginia.

Joseph C. Ryan, 73, associate professor emeritus of English who taught 31 years at the University before his retirement in 1968, died April 22 in Chicago.

Correction

Three Notre Dame faculty members who were promoted to the rank of associate professor were not included in the list of faculty promotions in Notre Dame Report #18, p. 422. They are: William J. Krier and John J. McDonald in the Department of English and Kenneth E. Moore in Sociology and Anthropology.

office of advanced studies

Information Circulars

National Endowment for the Arts Fellowship Grants for Composers and Librettists

No. FY76-73

The National Endowment for the Arts is an independent agency of the Federal Government created in 1965 to encourage and assist the nation's cultural resources. The music program is one of twelve major program areas. In addition to its Composers/Librettists grants, the music program also offers assistance to symphony orchestras; opera companies; national organizations concerned with artist/audience development; jazz ensembles and projects; national music service organizations; independent professional colleges of music; and a limited number of professional choral groups.

In fiscal year 1977 the National Endowment for the Arts plans to award grants to assist composers and librettists. The purpose of this program in support of individuals is to encourage:

- 1) The creation of new composition or the completion of works in progress;
- 2) The creation of new librettos or the completion of librettos in progress; and
- 3) The professional development of the composer or librettist.

Applications must be postmarked no later than November 1, 1976.

Woodrow Wilson International Center for Scholars—Fellowships 1976/77

No. FY76-74

Created by the United States Congress as the nation's official memorial to the twenty-eighth President, the Center was established as a "living institution expressing the ideals and concern of Woodrow Wilson...symbolizing and strengthening the fruitful relation between the world of learning and the world of public affairs." The Center seeks to commemorate through its residential fellowship program of advanced research and communication both the scholarly depth and the public concerns of Woodrow Wilson.

The Center's fellowship program is organized in terms of three broadly defined academic divisions. The Division of Historical and Cultural Studies welcomes proposals in the fields of history, literature, philosophy, jurisprudence, religion, and other humanistic areas of inquiry including the creative arts. The Division of Social and Political Studies is designed to accommodate research and writing in political science and international relations, sociology, anthropology, economics, psychology, and other disciplines. It also seeks applications from qualified men and women in government, law, journalism, and other professions and occupations. A third division entitled Resources, Environment and Interdependence, supports research and writing from a wide variety of disciplinary and cultural perspectives in the broad and interrelated areas of environment, economic growth, resource availabilities, the uses of the seas, food and fiber policies, and other topics.

Eligibility is limited to the post doctoral level for academic participants, and to an equivalent degree of maturity and professional achievement for those from other fields. Men and women with outstanding capabilities and experience from a wide variety of professions and occupations - academic, government, and others - are eligible for support.

Those selected for appointment in the past have come from careers in the social sciences, humanities and natural sciences as well as from the fields of law, diplomacy, journalism, government, international organizations, the creative arts, and others.

Within certain limits established by the Board of Trustees, it is the Center's policy to enable each fellow to meet, but not to exceed, his or her income rate for the preceding year, on the principle that a fellowship should not involve financial loss or gain. Each fellow is required to take advantage of any leave, sabbatical, or other funding that may be available to him from other sources for the period of appointment. In calculating stipends for non-U.S. scholars, cost of living adjustments are extended whenever possible to bring their stipends up to equivalent rates for U.S. scholars of comparable experience and position. Certain travel expenses for a fellow and accompanying spouse and younger children may also be provided.

The Center's program is residential in character, and fellows are expected to devote full time to their research and writing. A Center fellowship normally extends from four months to a year in duration although a limited number of longer term appointments are also made. Since the fellowships are designed to support major scholarly undertakings, a minimum duration of four months is required.

Selection advisory panels of distinguished scholars in each of the Center's broadly defined divisions of study are convened periodically to review applications and recommend eligible candidates. The final selection of all prospective fellows is made by the Director and the Fellowship and Guest Scholar Committee of the Board of Trustees.

Beginning in the academic year 1976/77, there will be only one fellowship competition per year. The deadline for applications is October 1, 1976. Applicants will be notified of results in late January or early February 1977.

For application materials, applicants are advised either to call the Center and request that they be forwarded by mail or to write to the following address:

Woodrow Wilson International Center
For Scholars
Smithsonian Institution Building
Room 321
Washington, D.C. 20560
Telephone (202) 381-6247
Cable: WILCEN

The Harry S. Truman Library Institute Grants-in-Aid Program

No. FY76-75

The Harry S. Truman Library Institute for National and International Affairs announces availability of the following award under its Grants-in-Aid Program:

Institute Grants. A limited number of small grants providing up to \$1,000 each are available. Applications should be submitted prior to October 1 or February 1.

In awarding the smaller grants, the policy of the Board of the Institute is to favor younger scholars rather than those who have established reputations in their fields of research. Preference is given to persons working on the period of the Truman Administration and to those who will be using the resources of the Truman Library. Grants may be authorized to allow a portion of the grantee's study in other depositories provided such study relates to research done primarily at the Harry S. Truman Library.

For further information contact the Office of Advanced Studies, Extension 7378.

Saint Louis University The Pius XII Memorial Library Vatican Film Library

No. FY76-76

The Andrew W. Mellon Foundation has made available a grant for a five-year post-doctoral fellowship program to assist scholars wishing to conduct research in the manuscript collections in the Vatican Film Library at Saint Louis University. The program is designed to provide travel expenses and a per diem for periods of research in the Vatican Film Library ranging from less than a month to a full semester, including periods of summer research. The first year of the program will begin in September, 1976.

Projects can be in such areas as classical languages and literature, paleography, scriptural and patristic studies, history, philosophy and sciences in the Middle Ages and the Renaissance, history of music, history of manuscript illumination, history of mathematics and technology, history of theology, history of liturgy, and the history of Roman and canon law and political theory.

Scholars wishing to apply are invited to submit project descriptions, including a precise statement of the project, an account of current research, a bibliography of the applicant's publications in related areas, with some samples of recently published research, a curriculum vitae, a statement of the length of time for which support is requested (with related figures on anticipated travel and per diem expenses, and letters from three persons qualified to judge the applicant's manuscript research skills in the project area. Applicants are encouraged to consider the fellowship program also as a means of supplementing the partial funding which they may be able to obtain from their own institutions or other sources. Address applications and related correspondence to:

Andrew W. Mellon Fellowship Program
Vatican Film Library
Pius XII Memorial Library
Saint Louis University
3655 West Pine
Saint Louis, Missouri 63108.

Applications for support during all or part of one of the following periods should be submitted by the date indicated:

First Semester, September-December,
1976: by August 1, 1976
Second Semester, January-June,
1977: by November 1, 1976
Summer, June-August,
1977: by April 1, 1977

Earlier submission of applications is encouraged.

For further information contact the Office of Advanced Studies, Extension 7378.

American Council of Learned Societies ACLS Fellowships and Grants for Postdoctoral Research and Study

No. FY76-77

ACLS Fellowships: For research in the humanities; programs with a predominantly humanistic emphasis in any of the social sciences will also be considered. Period of tenure: Minimum of six continuous months to a maximum of one year. Applicants may be no more than 50 years of age. Maximum award: \$13,500. Deadline: September 30, 1976.

Study Fellowships: For young scholars in the humanities to enlarge their range of knowledge by study in disciplines other than their present specialization which normally will employ a different methodology. Social and natural scientists who wish to study a humanistic discipline are also invited to apply. Tenure: Minimum of six consecutive months to a maximum of one year. Although no age limit is imposed, it is expected that applicants will normally be under 36 years of age and have taught for two or three years since acquiring their doctorate. Maximum award: \$12,000. Deadline: November 15, 1976.

Other programs include the following:

Research Fellowships for Recent Recipients of the Doctorate.

Deadline: December 1, 1976.

Grants-in-Aid in Support of Significant Humanistic Research.

Deadline: January 15, 1977.

Grants for Research on Chinese Civilization.

Deadline: December 1, 1976.

Programs Sponsored Jointly by the ACLS and The Social Science Research Council.

(For Postdoctoral Research and Study in the Humanities and Social Sciences)

Grants for Advanced Training in Chinese Studies.

Deadline: December 1, 1976.

Grants for Soviet Studies.

Deadline: December 31, 1976.

Grants for East European Studies.

Deadline: December 31, 1976.

Travel grants are offered to social scientists specializing in East European studies to participate in international congresses and conferences abroad which deal with East-Central Europe and the Balkan States. Such applications should be submitted by September 15, 1976 for meetings November-May and February 15, 1977 for meetings June-October.

Grants for Study of East European Languages.

This program is also open to graduate students who have by the competition deadline completed at least one year of graduate study.

Deadline: February 1, 1977.

Programs Administered by the Social Science Research Council.

These programs include grants for post-doctoral research relating to Africa, Contemporary and Republican China, Japan, Korea, Latin America and the Caribbean (post-1830), the Near and Middle East (since the beginning of Islam), and South Asia. Pre-doctoral fellowships for training and research related to Africa; East, South, and Southeast Asia; Latin America and the Caribbean; the Near and Middle East; and Western Europe will also be offered. Requests for information regarding these programs should be addressed to the Social Science Research Council, Office of Fellowships and Grants, 605 Third Avenue, New York, New York 10016.

Program Administered by the International Research and Exchanges Board.

The program will include post-doctoral and pre-doctoral exchanges with Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Romania, The U.S.S.R., and Yugoslavia. Correspondence should be addressed to the International Research and Exchanges Board, 110 East 59th Street, New York, New York 10022.

Requests for application forms should be addressed to:

Office of Fellowships and Grants
American Council of Learned Societies
345 East 46th Street
New York, New York 10017

In requesting application forms, state: Age, highest academic degree held and date received, citizenship or permanent residence, academic or other position, field of specialization, proposed subject research or study, period of time for which support is requested, and the specific award program under which application is contemplated.

For further information contact the Office of Advanced Studies, Extension 7378.

Institute for Ecumenical and Cultural Research—Support Opportunities

No. FY76-78

The Institute for Ecumenical and Cultural Research seeks to stimulate attention to carefully selected themes of decisive ecumenical importance. Themes include faith, ethics, the ministry, and Jewish-Christian relations. The themes are guidelines for productive thought, and the program is designed to enlist men and women from different levels of the churches' life to express the variety of their experience and knowledge about these main issues of concern.

Four issues affect the nerve centers in the life of churches together:

- Faith in God
- Ethics and Hunger
- The Function of the Ministry/Priesthood
- Christian-Jewish Relations.

Other realms of study; The institute welcomes thinkers who are engaged in inquiries of ecumenical importance, whether or not the proposed study is related to the issues described above.

Deadlines:

January-June 1977 (application deadline, October 15, 1976)
Summer 1977
Academic Year 1977-1978

Application:

Contact:
Dr. Robert S. Bilheimer, Executive Director
Institute for Ecumenical and Cultural Research
Collegeville, Minnesota 56321

For further information contact the Office of Advanced Studies, Extension 7378.

Harry S. Truman Scholarship Foundation The Harry S. Truman Scholarships

No. FY76-79

The first Harry S. Truman Scholarships will be awarded for the academic year beginning in the fall of 1977.

The foundation is authorized to award scholarships of up to four years duration, each providing a stipend covering a student's cost of education of \$5,000 annually, whichever is less. It is anticipated that 53 undergraduate scholarships will be awarded each year.

One Truman Scholar will be selected each year from each state, the District of Columbia, Puerto Rico, and considered as a single entity, Guam, The Virgin Islands, American Samoa and the Trust Territory of the Pacific Islands.

The Harry S. Truman Scholarship Program will make a significant contribution in encouraging young Americans to enter careers in government, whether it be at the local, county, state or national level.

For further information contact the Office of Advanced Studies, Extension 7378.

National Science Foundation Scientists and Engineers in Economic Development Program

No. FY76-80

The National Science Foundation, through a special program funded by the Agency for International Development (AID), will provide support for individual U.S. scientists and engineers to apply their experience to specific problems of development in the following countries:

Afghanistan	Guatemala	Pakistan
Bangladesh	Guyana	Panama
Barbados	Haiti	Paraguay
Bolivia	Honduras	Peru
Brazil	Indonesia	Philippines
Chile	Jamaica	Sri Lanka
Colombia	Jordan	Tanzania
Costa Rica	Kenya	Thailand
Dominican Rep.	Korea	Trinidad
Ecuador	Liberia	& Tobago
Egypt	Morocco	Tunisia
El Salvador	Nepal	Turkey
Ethiopia	Nicaragua	Uruguay
Ghana	Nigeria	Zaire Rep.
		Zambia

The Program's objectives are to (1) enable U.S. scientists and engineers to share experiences with their counterparts in developing countries through the conduct of specific research and education projects contributing to the economic development of the host country; (2) establish long-term collaborative relationships between U.S. and foreign institutions; and (3) increase the capability of scientific and technical institutions in developing countries to contribute to economic development.

Research/Training Grants

An individual may apply through his institution for support to enable him to conduct research or teach (or both) in countries listed above.

Research/Training Grants will be used to support discrete development projects designed by eligible U.S. scientists and engineers in collaboration with foreign counterparts. Proposals for joint projects should be developed directly by the cooperating scientists and submitted to NSF by the U.S. scientist through his home institution.

Awards for the support of one semester of work (5-8 months) will include support for international travel, 22 lbs. of excess baggage, and stipend to cover lost salary and fringe benefits. Awards for the support of a full academic year or longer (9-12 months) will include the above plus dependent travel allowances not to exceed the equivalent of two full round trip fares, education allowance for up to two school-age dependents who accompany the grantee, 100 pounds of air-freight, and \$500 for books, equipment, and supplies to be left at the host institution. In no case will the total stipend including fringe benefits exceed an amount equivalent to \$1,500/month.

International Travel Grants

Individual U.S. scientists and engineers may apply directly for international travel support for participating in projects which require only a limited amount of time or which can proceed with only one or two consultative visits. In addition, travel grants may be used to support visits by persons who are involved in the planning of research/teaching projects when such visits are likely to improve the quality of a project and logistical arrangements.

These travel awards will cover cost of travel and incidentals based on jet economy service with 22 lbs. of excess baggage plus 10 percent of the airline ticket cost (limit of \$100) for incidental expenses enroute. Per diem and local costs must be provided by the host institution. Travel of dependents will not be covered.

U.S. flag air or surface carriers must be used to the extent that service by those carriers is available. Travel allowances will be based on economy class or excursion rates (including applicable surcharges). Arrangements for passports and visas, and for such host country customs clearances as may be needed, are the responsibility of the visiting U.S. scientist or engineer.

Applicants are limited to scientists and engineers from U.S. academic institutions with at least five years of postdoctoral or equivalent experience in teaching or research and who will return to their institutions on completion of the project.

Proposals will be considered in the following fields: engineering, physical sciences, earth sciences, biological sciences, social sciences, and science education.

SEED projects are selected tentatively by an NSF evaluation panel using the following criteria:

- relevance of the proposed activity to practical development needs of the host country or region;
- technical soundness of the plan of action;
- competence of the key persons involved;
- evidence of local interest and support in the host institution;
- evidence of U.S. university interest and support; and
- prospects of continued activity following the term of support.

Final selections are made by NSF after obtaining AID comments and clearances.

The closing date for submission of proposals is December 15, 1976. For further information contact the Office of Research and Sponsored Programs, Extension 7378.

National Science Foundation United States-India Exchange of Scientists

No. FY76-81

The governments of India and the United States have established a program for increasing the exchange of scientists and engineers between the two countries. In an agreement signed February 14, 1967, the two nations recognized the value of exchange visits by senior level scientists and engineers as one of the more effective means of increasing communication and collaboration between the scientific communities of these countries.

While some of the special scientific resources of India are well known, their variety and richness are not widely appreciated. Current scientific development extends to such fields as ionosphere, cosmic ray, and atomic physics, protein structure, the chemistry of natural products, cytotaxonomy and genetics of crop plants, biological productivity, endocrinology and steroid pharmacology, chemotherapy of tropical diseases, management of soil and

ground water resources, weather forecasting, demography, science planning, urban design, topology, number theory, and the improvement of science teaching. India has rich biotic and environmental resources, suggested by the range from glaciers to coconut plantations; the opportunities for scientific exchange are supported by a well developed academic establishment and a system of industrially oriented, national laboratories.

The national agencies responsible for administering the exchange program are National Science Foundation (NSF) in Washington and the Council of Scientific and Industrial Research (CSIR) in New Delhi. The role of each national agency includes selecting its country's participants in the exchange program, acting as host to the visitors from the other country, and corresponding with its counterpart agency in the other country.

Senior scientists of the United States wishing to make short visits to India in order to work with Indian colleagues on projects of mutual interest may receive travel support under the United States-India Exchange of Scientists Program. This program offers opportunities to work in new environments with unique research materials and to make long range plans for collaboration with Indian research centers.

American participants in the exchange program are selected by the NSF with the concurrence of the CSIR. The participants are individuals with fields of specialization in the mathematical, physical, medical, biological, engineering, and social sciences, and the history and philosophy of science. Also included are such interdisciplinary areas as geochemistry, meteorology and oceanography.

Selections will be made on the basis of the potential benefits of the exchange visit to the research activity of the visitor as well as his host and the prospects for increased scientific and technical cooperation between the two countries.

Appropriate activities under the exchange agreement include collaboration or consultation on specific projects, and planning programs of mutual interest to the United States participant and his Indian colleagues. Lecturing or attending scientific conferences may be included in the visit, but should be part of a broader program.

The Indian institutions which may be visited under the exchange program include the national laboratories administered by the Council of Scientific and Industrial Research, other government or non-government science institutions, and universities. The final itinerary is arranged with the CSIR through NSF and must be acceptable to both agencies.

The program is based on, but not limited to, visits for periods from two weeks to a few months. According to the agreement, the total man-days per year will not exceed 800 for each country.

NSF pays for the travel of American participants between the United States and India. Travel awards provide nonrefundable tickets for jet-economy class flights on U.S.-flag carriers and a small dollar amount for incidental expenses connected with the trip. Travel and subsistence expenses within India are borne by CSIR and the Indian host institutions. No stipends or other fees are available under this program.

Applications will be received for evaluation at any time of the year. Interested scientists should allow six months for selection and concurrence, and for planning the trip, including scheduling appointments and arranging travel. For further information, please contact the Office of Research and Sponsored Programs, Extension 7378.

United States-Israel Binational Science Foundation—Professor E. D. Bergmann Memorial Research Grants

No. FY76-82

Professor E.D. Bergmann made outstanding scientific contributions in organic chemistry. At its meeting in February, 1976, the Board of Governors of the Binational Science Foundation adopted a resolution to honor the memory of the late Professor Bergmann by establishing two special grants to be awarded annually to young scientists, one an American and one an Israeli, for research to be conducted in Israel.

General

Support will be for a two-year period for research conducted in Israel in cooperation with scientists from the other country. Cooperative research is an essential element.

The size of each grant for 1977 will be about \$15,000.

Starting date will be in accordance with the request of the applicant.

Eligibility

Young scientists who have completed their doctoral degrees within the past five years may apply through an accredited institution of their choice. The applicant cannot be on the permanent staff of any institution.

Supported Areas of Research

Agriculture, natural sciences, health sciences, science services, such technologies as energy, arid zone and environmental research.

Submission of Applications

Applications must be submitted in ten copies on standard BSF forms, to be marked by the applicant "Bergmann Memorial Grant." Forms and guidelines are available from:

National Science Foundation
Division of International Programs
U.S.-Israel Binational Science
Foundation
Washington, D.C. 20550

Applications should reach BSF by November 1 of each year; awards will be made April 1 of the following year.

For further information contact the Office of Advanced Studies, Extension 7378.

The University of Texas System The Wilson S. Stone Memorial Award

No. FY76-83

The University of Texas System has announced a competition for the Wilson S. Stone Memorial Award by the M.D. Anderson Hospital and Tumor Institute of The University of Texas System Cancer Center, Houston. The award honors the late Dr. Wilson S. Stone and rewards outstanding research achievement in biomedical sciences accomplished by a predoctoral or postdoctoral student in academic and/or medical research institutions.

The award will consist of a medallion appropriately inscribed. A \$500 honorarium and travel expenses to Houston will be presented with the medallion. It will be presented to the recipient at the Annual Symposium on Fundamental Cancer Research of M.D. Anderson, in the spring.

The term biomedical sciences is interpreted in its broadest sense and is intended to include such areas as mathematics, psychology, sociology, and engineering. More than one nominee may be considered from one institution.

The research must have been accomplished within five years immediately preceding the award of the doctorate or no later than the second year of research activity following the award of the doctorate (exclusive of clinical residency training.)

Research reports should be accompanied by a covering letter from the candidate, who should request that two persons submit directly to the award committee letters of recommendation concerning his or her work. One letter must be from a person who has supervised the research and must contain a brief evaluation of the significance of the results and a paragraph about the time, place and nature of the candidate's training.

Applications will consist of typewritten double-spaced research reports on 8 1/2 x 11 white bond paper. Each page must be numbered and bear the date and author's name. Application forms may be obtained from and, with the research reports, submitted in duplicate to:

Wilson S. Stone Memorial Award Committee
Office of the Chancellor
The University of Texas System
601 Colorado
Austin, Texas 78701

Applications must be received by November 15, including the letters in support of the application. Selection will be made by January 15. All entries become the property of the award committee and will not be returned.

Candidates must have accomplished the research at institutions in the United States. The paper should represent primarily the work of the candidate, although one or more co-authors may be listed.

For further information, contact the Office of Advanced Studies, Extension 7378.

Current Publications And Other Scholarly Works

ARTS AND LETTERS HUMANISTIC AND SOCIAL STUDIES

American Studies

Weber, Ronald H.
R.H. Weber. 1976. Nine Journalists: The American Press. Scholastic Editor 55(6): 26-27.

Economics

Leahy, William H.
W.H. Leahy. 1976. An evaluation of salary impasse in negotiations: The Fairfield Case. Pages 110-113 in, Annual Report of the Indiana Education Employment Relations Board. Indianapolis.

Music

Isele, David C.
D.C. Isele. 1976. The Sacred Heart Mass. A unison mass for chorus or congregation with organ or piano. G.I.A. Publications, Inc., Chicago, Illinois.

Philosophy

Sterba, James P.
J.P. Sterba. 1976. Prescription and fairness. Philosophical Studies 29:141-148.

SCIENCE

Biology

Saz, Howard J.

- P. Köhler and H.J. Saz. 1976. Demonstration and possible function of NADH:NAD⁺ transhydrogenase from *Ascaris* muscle mitochondria. Journal of Biological Chemistry 251(8):2217-2225.

Chemistry

Curran, Columba

- *F.P. Mullins and C. Curran. 1975. Mössbauer and related studies of complexes of R₂ Sn(NCS)₂ with neutral ligands containing oxygen donor atoms. Canadian Journal of Chemistry 53(21):3200-3205.
- Thomas, J. Kerry
- *M. Wong, J.K. Thomas, and M. Grätzel. 1976. Fluorescence probing of inverted micelles. The state of solubilized water clusters in alkane/diisooctyl sulfosuccinate (aerosol OT) solution. Journal of the American Chemical Society 98(9):2391-2397.

* Under the Radiation Laboratory

Earth Sciences

Gutschick, Raymond C.

- R.C. Gutschick. 1976. Geology of the Kentland Structural Anomaly, Northwestern Indiana. Geological Society of America, North Central Section Field Guidebook, Western Michigan University, Kalamazoo, Michigan. 59 pp.
- R.C. Gutschick and J. Gonsiewski. 1976. Coastal geology of the Mt. Baldy Area, Indiana Dunes National Lakeshore. Pages 38-90 in, Field Trip Guidebook Coastal and Environmental Geology of Southeastern Lake Michigan. Geological Society of America, North Central Section, Western Michigan University, Kalamazoo, Michigan.

Microbiology

Kulpa, Charles F.

- *C.F. Kulpa and L. Leive. 1976. Mode of insertion of lipopolysaccharide into the outer membrane of *Escherichia coli*. Journal of Bacteriology 126:467-477.

* Under Lobund Laboratory

Physics

Bishop, James M.

- S. Lichtman, J.M. Bishop, N.N. Biswas, N.M. Cason, E.A. Harrington, V.P. Kenney, W.D. Shephard, and P.H. Stuntebeck. 1976. Study of $\bar{p}p$ on $\Lambda\Lambda$ production in π^+p reactions at 18.5 GeV/c. Nuclear Physics B105:229-240.

Biswas, Nripendra N.

- S. Lichtman, J.M. Bishop, N.N. Biswas, N.M. Cason, E.A. Harrington, V.P. Kenney, W.D. Shephard, and P.H. Stuntebeck. 1976. Study of $\bar{p}p$ on $\Lambda\Lambda$ production in π^+p reactions at 18.5 GeV/c. Nuclear Physics B105:229-240.
- Blackstead, Howard A.
- M. O'Donnell, J.T. Wang, and H.A. Blackstead. 1976. Magnetoelastic excitations in single-crystal gadolinium. Physical Review Letters 36:606-609.

Cason, Neal M.

- S. Lichtman, J.M. Bishop, N.N. Biswas, N.M. Cason, E.A. Harrington, V.P. Kenney, W.D. Shephard, and P.H. Stuntebeck. 1976. Study of $\bar{p}p$ on $\Lambda\Lambda$ production in π^+p reactions at 18.5 GeV/c. Nuclear Physics B105:229-240.
- Kenney, V. Paul
- S. Lichtman, J.M. Bishop, N.N. Biswas, N.M. Cason, E.A. Harrington, V.P. Kenney, W.D. Shephard, and P.H. Stuntebeck. 1976. Study of $\bar{p}p$ on $\Lambda\Lambda$ production in π^+p reactions at 18.5 GeV/c. Nuclear Physics B105:229-240.

Neal, George F.

- P.J. Clark, G.F. Neal, and R.O. Allen. 1975. Quantitative multielement analysis using high energy particle bombardment. Analytical Chemistry 47:650.
- Shephard, William D.
- S. Lichtman, J.M. Bishop, N.N. Biswas, N.M. Cason, E.A. Harrington, V.P. Kenney, W.D. Shephard, and P.H. Stuntebeck. 1976. Study of $\bar{p}p$ on $\Lambda\Lambda$ production in π^+p reactions at 18.5 GeV/c. Nuclear Physics B105:229-240.

ENGINEERING

Aerospace and Mechanical Engineering

Betchov, Robert

- R. Betchov. 1976. Weighted voting and the reform of the World Bank. Peace Research 8(2):15-18.
- Cullinane, Thomas P.
- T.P. Cullinane. 1976. Coping with air contaminants. Industrial Engineering 8(3):38-44.
- Lee, Lawrence H.N.
- L.H.N. Lee and J.T. Horng. 1976. Inelastic response of ring-stiffened cylindrical shells to external pressure shock waves. AIAA Journal 14(3):327-332.

Civil Engineering

Theis, Thomas L.

- T.L. Theis. 1975. An evaluation of the use of fly ash for control of phosphorous in an eutrophic lake. Pages 70-85 in, Proceedings of the Lake Management Conference, Purdue University, May 12-14.

BUSINESS ADMINISTRATION

Management

- Houck, John W.
J.W. Houck. 1976. The Symbol of Delrait: Themes from the decision of humanistic work lectures. The Notre Dame Business Review 10(2):12-15.
J.W. Houck. 1976. Slow-down growth issues. Pages 457-463 in, G.A. Steinen, ed. The Changing Business Role in Society. Graduate School of Management, U.C.L.A.

Marketing Management

- Dreys, Robert A.
R.A. Dreys, R.M. Durand, and D.L. James. 1976. The use of a multi-attribute attitude model in a store image study. Journal of Retailing 52(1):82-86.
Weber, John A.
J.A. Weber. 1976. Growth Opportunity Analysis: New Perspectives for Planning Corporate Growth. Reston/Prentice Hall Publishing Company, Reston, Virginia.

MEDIAEVAL STUDIES

- Gabriel, Astrik L.
A.L. Gabriel. 1976. Preface. Pages vii-x in, Bibliographie internationale de l'histoire de Universites, Vol. II. Dros, Genève.

MEMORIAL LIBRARY

- Havlik, Robert J.
R.J. Havlik. 1976. Review of A. Rees, ed. Contemporary Problems in Technical Library and Information Center Management: A state-of-the-Art. Page 115 in, American Reference Books Annual. Libraries Unlimited, Littleton, Colorado.
R.J. Havlik. 1976. Review of J.T. Tou, ed. Information Systems, COINS IV. Page 147 in, American Reference Books Annual. Libraries Unlimited, Littleton, Colorado.
R.J. Havlik. 1976. Review of Metric Manual: Development, Considerations, Tables, Comparisons, Definations for Metrication in U.S.A.; Metric System Guide: Volume I, Metrication in the United States; Orientation and Structure; and Metric System Guide Bulletins. Pages 636-637 in, American Reference Books Annual. Libraries Unlimited, Littleton, Colorado.
R.J. Havlik. 1976. Review of H.F. Winterkorn and H.-Y. Fang, eds. Foundation Engineering Handbook. Pages 768-769 in, American Reference Books Annual. Libraries Unlimited, Littleton, Colorado.

Monthly Summary

Awards Received

IN THE MONTH OF MAY, 1976

Department or Office	Principal	Short title	Sponsor	Dollars Months
RESEARCH				
Economics, Elec. Eng.	Davisson, Uhran	Systems dynamics translator for small computer	M.C. Fleischmann Fdn.	49,060 24
Chemistry	Basu	Metabolism of glycosphingo- lipids in animal cells	Natl. Inst. Health	39,050 12
Microbiology- Lobund Lab.	Pollard	Development, maintenance of germfree animal colonies	Natl. Inst. Health	113,600 12
Sociology Anthropology	Bellis	Patoke, Indiana, archaeological study	U.S. Army	27,021 5
Electrical Eng.	Leake, Cohn	Processing capabilities of sampled-data systems	U.S. Air Force	46,742 12
Biology	Rai	Investigations of genetic mech- anisms in Aedes aegypti	WHO	2,000 -
Physics	Johnson	Quantum electrodynamics and atomic and nuclear physics	Natl. Sci. Fdn.	16,000 12
Biology	Morgan	Effect of NIPSCO power station on salmonid	NIPSCO	113,797 12
Microbiology- Lobund Lab.	Wostmann	Antibiotics: effects of bile acids and cholesterol	Natl. Inst. Health	47,722 12
Electrical Eng.	Sain, Massey	A unified study of coding and control theories	Natl. Sci. Fdn.	38,400 12
Metallurgy	Miller	Sintering of rare earth iron (RFe ₂) laves phases	Honeywell Corp.	3,188 2.5
EDUCATION				
Management	Eagan	Indiana project for law- focused education	Ind. Proj. Law- Focused Educ.	4,500 14
Aerospace Mech. Eng.	Lucey	Workshop on electric power generation	Energy Res. Dev. Admin.	10,600 12
SERVICE				
Inst. Urban Studies	Broden	Multicultural education program	Lilly Endow., Inc.	169,300 24
Biology	Craig	Survey of mosquitoes, St. Joseph County	St. Jos. Cty.	33,997 8
Center Human Dev.	Dwyer	Needs assessment program	---	212 -
Center Study Man	Santos	Mental health outreach training program	Natl. Inst. Health	58,044 12

Proposals Submitted

IN THE MONTH OF MAY, 1976

Department or Office	Principal	Short title	Sponsor	Dollars Months
RESEARCH				
Microbiology- Lobund Lab.	Wostmann	Diabetes and sterol metabolism in germfree rodents	Natl. Inst. Health	59,819 12
Chemistry	Castellino	The activation of plasminogen	Am. Heart Assoc.	14,300 12
Aerospace Mech. Eng.	Yang	Ozone generation device	Telecomm. Ind., Inc.	24,665 7.5
Center Civil Rights	Kommers	Amnesty and all-volunteer armed forces microfilm project	Special Lib. Assoc.	500 12
Metallurgy	Allen	Defects in phase transformation in laves phases	Natl. Sci. Fdn.	74,794 24
Metallurgy	Miller	Sintering of rare earth iron (RFe ₂) laves phases	Honeywell Corp.	3,188 2.5
Chemistry	Martinez- Carrion	Probes of structure and mechan- isms of heart enzymes	Natl. Inst. Health	28,000 12
Chemistry	Castellino	Plasminogen and plasmin: structure and function	Natl. Inst. Health	24,534 12
Electrical Eng.	Henry	Portable Braille recording and playback system	Library Congress	22,375 12
Center Civil Rights	Kommers	Center for Civil Rights	(private fdtn.)	100,000 -
Electrical Eng.	Melsa, Cohn	Wide band/narrow band interface	Martin Marietta	24,514 12
Theology	Primus	Aqiva's contribution to the Mishnaic law of agriculture	Memorial Fdn. Jewish Culture	4,400 12
Chemistry	Martinez- Carrion	Probes of molecular function in pyridoxal enzymes	Natl. Inst. Health	79,030 12
Civil Eng., Elec. Eng.	Ketchum, Irvine, Melsa	Operator training simulator	Environ. Prot. Agency	128,045 24
Civil Eng., Elec. Eng.	Ketchum, Irvine, Melsa	Operator training simulator	Environ. Prot. Agency	128,045 24
Metallurgy	Fiore, Miller	Microstructural effects in abrasive wear	Energy Res. Dev. Admin.	104,490 24
Chemistry	Martinez- Carrion	Isozymes of heart glutamate aspartate transaminase	Natl. Inst. Health	54,156 12
Microbiology- Lobund Lab.	Pollard, Teah	Development and maintenance of germfree animal colonies	Natl. Inst. Health	132,395 12
Chemical Eng.	Varma, Strieder	Approximate solutions of nonlinear problems	U.S. Army, ARO	90,072 24
EQUIPMENT				
Chemistry	Freeman	EPR studies of macromolecular systems	Natl. Science Fdn.	56,942 12
Chemistry	Nowak	NMR studies of metals in kinases and related enzymes	Natl. Inst. Health	19,500 12
Physics	Biswas, Cason, Kenney, Shephard	High energy particle physics	Natl. Science Fdn.	35,000 3
EDUCATION				
Aerospace Mech. Eng.	Lee	Stability of waves in elastic plastic continua	Natl. Sci. Fdn.	7,674 7
Center Study Man	Manier	Ethnic purity?!	Ind. Comm. Human.	16,247 6
Management, Theology	Houck, Williams	Joint business administration- theology undergraduate program	Exxon Educ. Fdn.	134,200 24
Management	Bella	Jesse Jones professorship in management	Houston Fdn.	65,000 9
Marketing, Management	Weber	Computerized data bank for academic business literature	(private fdtn.)	64,977 42
SERVICE				
Aerospace Mech. Eng.	Daschbach	Exchange: North American and Columbian scholars	Tinker Fdn.	5,258 -

Summary of Awards Received and Proposals Submitted

IN THE MONTH OF MAY, 1976

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	7	\$370,569	4	\$126,011	11	\$496,580
Facilities and Equipment	-	---	-	---	-	---
Educational Programs	1	10,600	1	4,500	2	15,100
Service Programs	2	227,344	2	34,209	4	261,553
Total	10	\$608,513	7	\$164,720	17	\$773,233

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	8	\$431,874	11	\$ 665,448	19	\$1,097,322
Facilities and Equipment	-	---	3	111,442	3	111,442
Educational Programs	1	65,000	4	223,098	5	288,098
Service Programs	-	---	1	5,258	1	5,258
Total	9	\$496,874	19	\$1,005,246	28	\$1,502,120

documentation

Letters from the Chairman of the Board of Trustees

May 14, 1976

Dr. James P. Danehy
Chairman
The Faculty Senate

Dear Jim:

This letter is in response to a resolution of the Faculty Senate, forwarded to the Board of Trustees on December 22, 1975, by Paul Conway, Senate chairman, requesting endorsement of the Statement on Government of Colleges and Universities jointly issued ten years ago by the American Association of University Professors, the American Council on Education, and the Association of Governing Boards of Universities and Colleges.

On the recommendation of the Executive Committee of our Board to whom the matter had first been referred the Board discussed the statement at its meeting on May 7, 1976, and voted to endorse the principles set forth in it. The Board noted that other policy statements and guidelines formulated by these bodies have in the past been drawn on by the University in composing its own normative documents. Although, as the statement says, it is not intended to "serve as a blueprint for government on a specific campus," and although an institution like Notre Dame will always want to develop internally its own particulars, we find the general principles operative in this statement very sound, and are pleased to endorse them. The Board thanks the Faculty Senate for drawing this important statement to its attention, and for recommending endorsement.

Sincerely in Notre Dame,

Edmund A. Stephan
Chairman

May 24, 1976

Dr. James P. Danehy
Chairman
The Faculty Senate

Dear Professor Danehy:

This is in response to a letter dated April 21, 1976 from Paul F. Conway, former chairman of the Faculty Senate, submitting certain recommendations to the Board of Trustees which were adopted by the Faculty Senate on April 7, 1976, and read as follows:

- "1. We recommend that the Board of Trustees include at least two trustees whose principal criterion for membership be current service as full-time members of a university faculty (teaching, research, or library) who do not have major administrative responsibilities."
- "2. In order to ensure that the constituency represented by these trustees is learning itself, rather than any particular local interest, we recommend that the committee seek the best candidates available, without restrictions based on their current academic affiliation."

Enclosed in Professor Conway's letter to me was a copy of the complete resolution with accompanying preamble.

The Board of Trustees at its meeting on May 7, 1976, spent a significant amount of time discussing the above recommendations and its conclusions can be fairly summarized as follows:

1. The Board recognizes the importance, in the governance of an academic institution, of having trustees who have had a personal involvement, and have a continuing interest, in the life of learning and who can bring to the deliberations of the Board special insight on faculty and educational matters.
2. We have on the Board about a dozen trustees who have been, or presently are engaged as full-time faculty members. Twelve trustees have earned doctorates--a proportion not usual among trustees generally, and have a keen interest in the educational process and in scholarship for its own sake. Each has exhibited a special concern for the faculty's role and for its general welfare. The fact that some of these trustees have been or are engaged in administrative work has not, in the Board's view, diminished their understanding of academic life or of the specific needs of faculty, nor does it impair the objectivity of their judgments. I would venture to say that those members of the faculty who are members of the Academic and Faculty Affairs Committee of the Board of Trustees would very likely confirm this observation.
3. No quotas should be established for the representation of any particular constituency in the University community. Each trustee is expected to represent the totality of the University's interests.
4. We continually seek out persons from all walks of life for membership on our Board. In the course of our search we shall continue to look for people with broad backgrounds in the academic community and whose devotion to scholarship and to high educational achievement is unquestioned. Indeed we presently have under consideration two prospective trustees who admirably meet these standards.

We thank the Faculty Senate for expressing to the Trustees its concern on these matters and we wish to assure you that your suggestions and recommendations whenever made will receive our careful attention. The Board views the work of the senate as highly important in the total academic effort at the University and we look forward to a period of collaborative effort with your body.

Sincerely,

Edmund A. Stephan, Chairman
Board of Trustees

Insurance Plan Discontinued

The University has been notified by the Royal Globe Insurance Company of its decision to discontinue the Royal Guard Insurance Plan which has been offered to University employees since 1969. The Royal Guard Plan involved both Automobile and Homeowners coverages. The company has cited rising costs of automobile replacement parts, the overall higher costs of handling and settling bodily injury and property damage claims and ever increasing losses as the reasons for this action.

Royal Globe will advise policyholders shortly concerning the expiration of the program. They also plan to notify policyholders of their intention not to renew current policies well in advance of the annual anniversary dates.

During the transitional period the University will continue to offer the convenience of payroll deduction to employees until such time as their current Royal Guard policies expire.

Employees who wish to continue their coverage with Royal Globe and who meet their underwriting requirements will be offered standard rate, direct pay, contracts. For assistance in securing replacement coverage, employees may contact the office of Youngberg-Carlson Co., 222 North Dearborn Street, Chicago, Illinois 60601 (312-346-9300).

The University at this time is investigating the possibility of having another organization offer automobile and homeowners coverage on a payroll deduction basis. Only two firms have expressed an interest in providing this insurance. Most likely only standard rates will be made available to us. Employees will be advised of the results of these negotiations as soon as they are concluded.

Special Notice

The Committee to Review the Provost has completed its evaluation and has delivered its report to the President of the University on June 1, 1976.

Gerald Jones
Edward Manier
James Massey (Chairman)
Ernan McMullin
Timothy O'Meara
Robert Panoff

Financial Aid for Undergraduate Students, 1974-75 and 1975-76

Type of Aid Provided	Academic year 1974-75 Summary			Academic year 1975-76 Summary		
	No. of Students	Average Award	Total Amount	No. of Students	Average Award	Total Amount
SCHOLARSHIPS-UNIVERSITY ADMINISTERED						
From Endowed Funds of University	669	1,067	713,613	766	1,167	893,561
From Current Contri- butions	180	1,108	199,441	183	1,154	211,225
Total	849	1,075	913,054	949	1,164	1,104,786
OUTSIDE SCHOLARSHIPS						
State Scholarships Re- ceived	458	1,174	537,711	518	1,265	655,231
Brought to University- Various	393	866	340,451	447	901	402,798
Total	851	1,032	878,162	965	1,096	1,058,029
Total Regular Scholarships	1,700	1,054	1,791,216	1,914	1,130	2,162,815
ROTC AWARDS						
Air Force	57	2,701	153,936	63	2,951	185,942
Army	102	2,772	282,750	136	2,955	401,830
Navy	163	2,676	436,224	188	2,877	540,933
Total	322	2,711	872,910	387	2,917	1,128,705
TOTAL ALL SCHOLARSHIPS	2,022	1,318	2,664,126	2,301	1,430	3,291,520
GRANTS-IN-AID, REMISSIONS, ETC.	449	2,905	1,232,774	490	2,872	1,407,345
UNIVERSITY PART-TIME EMPLOYMENT	1,321	602	794,691	1,293	605	781,369
TOTAL	3,792	1,237	4,691,591	4,084	1,342	5,480,234
FEDERAL ASSISTANCE PROGRAMS						
National Direct Student Loans	731	822	600,525	829	907	751,900
Basic Educational Oppor- tunity Grant	155	575	89,153	302	843	254,651
Supplemental Opportunity Grant	111	850	94,400	138	858	118,400
College Work-Study (Fed- eral %)	52	1,059	44,073	77	668	41,140
Total	1,049	789	828,151	1,346	866	1,166,091
OTHER LOAN ASSISTANCE - USAF-Institutional Guar.						
Loans	--	--	--	--	--	--
Guaranteed Loans	977	1,582	1,545,617	922	1,631	1,503,556
Various Other Loans	122	1,541	188,020	113	1,553	175,450
Total	1,099	1,577	1,733,637	1,035	1,622	1,679,006
GRAND TOTALS	5,940	1,221	7,253,379	6,465	1,288	8,325,331
Unduplicated no. of Students Aided	4,108			4,266		
Unduplicated Average Aid Provided		1,766			1,951	
Total Undergraduate Enroll- ment	6,820			6,846		
Percent of Undergraduates Aided		60.2%			62.3%	

Financial Aid for Graduate Students, 1974-75 and 1975-76

<u>Type of Aid Provided</u>	<u>Academic year 1974-75</u>		<u>Academic year 1975-76</u>	
	<u>No. of</u>	<u>Total</u>	<u>No. of</u>	<u>Total</u>
	<u>Grads.</u>	<u>Amount</u>	<u>Grads.</u>	<u>Amount</u>
The following amounts are in addition to the figures given for undergraduate students.				
UNIVERSITY PART-TIME EMPLOYMENT				
Service Credit Jobs	68	62,382	76	83,152
Payroll Jobs	134	92,802	140	77,432
University College Work-Study	32	4,722	41	6,847
Total	<u>234</u>	<u>159,906</u>	<u>257</u>	<u>167,431</u>
FEDERAL ASSISTANCE PROGRAMS				
National Direct Student Loans	7	5,500	6	5,750
College Work-Study (Fed.%)	32	18,888	41	27,388
Total	<u>39</u>	<u>24,388</u>	<u>47</u>	<u>33,138</u>
GUARANTEED STUDENT LOANS	197	381,395	209	425,640
VARIOUS OTHER LOANS	147	303,480	193	422,300
CURRENT CONTRIBUTIONS	5	7,969	--	--
BROUGHT TO UNIVERSITY-VARIOUS	11	6,075	11	12,625
TUITION REMISSIONS	45	<u>95,110</u>	60	<u>128,954</u>
TOTAL		978,323		1,190,088

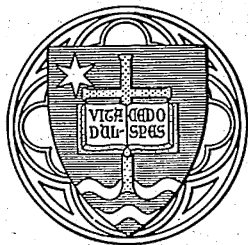
contents (continued)

Current Publications and Other
Scholarly Works
434 Arts and Letters Humanistic
and Social Studies
Monthly Summary
437 Awards Received
438 Proposals Submitted
439 Summary of Awards Received and
Proposals Submitted

documentation

440 Letters from the Chairman
of the Board of Trustees
442 Insurance Plan Discontinued
442 Special Notice
443 Financial Aid for Undergraduate
Students, 1974-75 and 1975-76
444 Financial Aid for Graduate
Students, 1974-75 and 1975-76

notre dame report



An official publication of the University of Notre Dame,
Department of Information Services. Individual copies are
available in the Notre Dame Hammes Bookstore at 30 cents
each. Mail subscriptions are \$6 per year. Back copies
are available through the mail at 50 cents each.

Teresa A. Castle, Editor
Printing and Publications Office, 415 Administration Building
Notre Dame, Indiana 46556
219:283-1234
