

'76-'77

# notre dame report

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June 24, 1977

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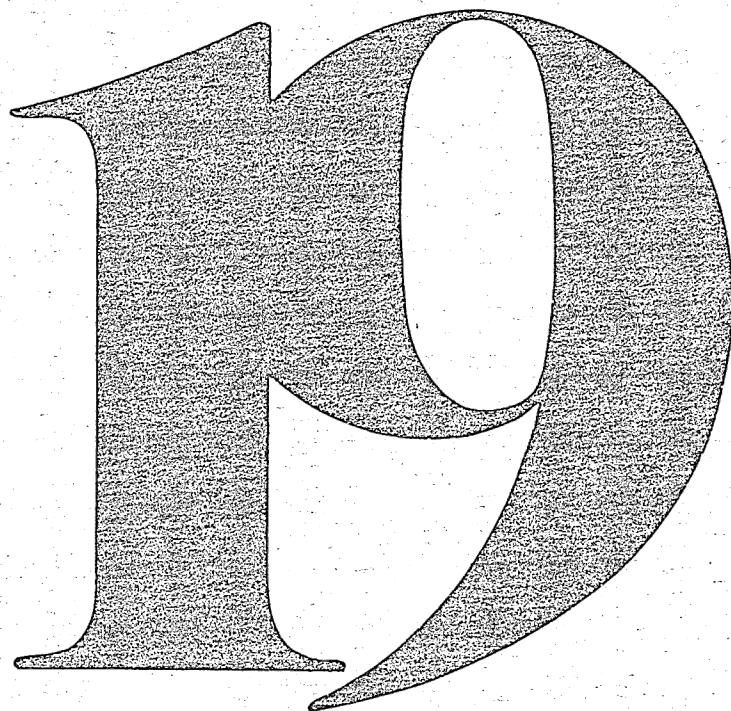
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# the university

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## Special Notice

CBS-TV will do a profile of Father Hesburgh as part of its "Who's Who" program scheduled for broadcast on Sunday, June 26, from 10 p.m. to 11 p.m., Eastern Daylight Time. The program includes an interview by Dan Rather.

## Endowed Professorship

A gift of \$800,000 to the University by the Bernard J. Hank family to endow a professorship in the College of Business Administration was announced June 12 by Rev. Theodore M. Hesburgh, C.S.C., president of the University. Bernard "Jerry" Hank, a 1951 Notre Dame alumnus and the eldest of three sons who attended the University, presented the gift on behalf of the family and commented that it "recognizes the importance of teacher-scholar in the classroom to the realization of academic excellence." He also said the chair was established to honor his father, Bernard J. Hank, Sr., a Chicago banker and industrialist who died last year, and his mother, Viola D. Hank, who now lives in Chicago.

Brother Leo V. Ryan, C.S.V., dean of the College of Business Administration, said the Hank Family Chair would be assigned to the Department of Management. "We hope to attract a senior teacher-scholar familiar with the area of modern corporate policy formulation and implementation and concerned also with the broader ethical implications of such decision-making," he said.

Jerry Hank is chairman of the board of the Montgomery Elevator Co. in Moline, Ill., and has been a member of the Notre Dame College of Engineering Advisory Council since 1971. William J. Hank, a 1954 alumnus, is president of the Commercial National Bank, Berwyn, Ill., and serves on the

University's Business Administration Advisory Council. Richard J. Hank, a 1958 graduate, is president of Suburban Savings and Loan, River Forest, Ill. Their two married sisters, Marie T. McKellar and Jeanne Marie Dale graduated from Saint Mary's College in 1962 and 1967, respectively.

The Hank Family Chair is one of the first to be announced as part of the Campaign for Notre Dame, the largest development program in the history of the University. Launched in April, the \$130 million fund-raising effort to undergird the academic future of Notre Dame with dramatically increased endowment has received pledges of \$61.6 million or 47 per cent of its goal. One of the campaign's main goals is the attainment of 40 endowed chairs. The University eventually wishes to endow each of the positions which currently exist at the rank of full professor in its teaching-and-research faculty.

## Hesburgh, Joyce Honored

Rev. Theodore M. Hesburgh, C.S.C., who assumed the presidency of the University in 1952, was honored by 1,400 returning graduates during reunion weekend June 3-5. Rev. Edmund P. Joyce, C.S.C., who was also celebrating his silver anniversary as executive vice president, who also honored. Father Hesburgh is in office longer than any currently active major American college or university president, and Father Joyce, as treasurer of the University and chairman of its Faculty Board in Control of Athletics, has been the major influence in financial and athletic policies at the institution.

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## Tuition Increase

The University has announced a \$250 increase in both undergraduate and graduate tuition, bringing the former to \$3,480 a year and the latter to \$3,300. Undergraduate board and room fees will remain at an average of \$1,350. In a letter to undergraduates' parents, Father Hesburgh said the University's trustees authorized the increase to enable a balanced budget in the coming fiscal year.

## Tornado Information

TORNADO "WEATHER" is an atmospheric condition typified by hot, humid days, southerly winds and darkening skies. Huge greenish-black thunderclouds usually appear an hour or two before tornadoes form. Rain, and frequently hail, precede and follow tornadoes. The time of greatest frequency is between 3 p.m. and 7 p.m. When close by, tornadoes sound like the roar of jet planes at takeoff.

A TORNADO IS RECOGNIZABLE by the funnel-shaped cloud which appears from the southwest and travels at about 30 miles per hour. It spins rapidly and extends towards the earth from the base of a thundercloud. When it touches down it is often 300 yards wide. Its destructive force results from the speed of its exterior winds and the vacuum in its interior which creates large differences in air pressure.

A SEVERE THUNDERSTORM WATCH means that damaging winds and hail are expected. It often precedes the issuance of a Tornado Watch.

A TORNADO WATCH means that conditions are favorable for the development of tornadoes. WATCHES may be issued frequently. Except for keeping informed via radio or T.V., they do not require immediate action.

A TORNADO WARNING REQUIRES IMMEDIATE ACTION BECAUSE A TORNADO HAS BEEN SIGHTED, EITHER VISUALLY OR ON RADAR AND NOTRE DAME IS IN ITS PATH.

## Safety Rules

Only when the University's Security Office receives special notice from the Regional Weather Bureau will a TORNADO WARNING be relayed by circulating Campus Security cars. They will use a special siren and the following continuously repeated message:

- A) "This is a Tornado Warning."
- B) "Take shelter in the nearest substantial building, immediately."
- C) "Go to the basement or to an interior corridor."
- D) "Avoid windows, large rooms, auditoriums, or gymnasiums."

When an "ALL CLEAR" is received from the Weather Bureau, the Campus Security cars will relay it.

## First Aid Training

Brother Louis Hurcik, C.S.C., will be available to teach various levels of first aid training to interested faculty members. This can be done on a departmental basis or on an individual basis depending upon the need and interest. Classes deal with different phases of first aid and emergency treatment. When time and schedule permits, special emphasis can be placed on specific skills. Classes are a total of 8 hours in length and are usually given over a two-day period. For more information contact Brother Louis directly at the Rockne Memorial Building, 6321.

## Calendar Correction

Please note there has been a change in the official Academic Calendar for 1977-78 (spring semester) published in the Notre Dame Report #8, dated December 31, 1976. The room reservation dates for the fall semester 1978-79 have been changed from March 13 through 17 to May 3 through 5.

# faculty notes

## Honors

Mario Borelli, associate professor of mathematics, received a Science Faculty Professional Development Award from the National Science Foundation. He is one of 119 college and university science teachers to receive the awards, totaling \$2.1 million. Professor Borelli received a grant of \$7,445 to study educational applications of the computer at Dartmouth College, Hanover, N.H., for three months this summer.

The Class of 1977 in the Master of Business Administration program voted Byung T. Cho, associate professor of management, outstanding teacher in the first year program for the third consecutive time, and Edward R. Trubac, associate professor of finance, outstanding teacher in the second year program for the second consecutive time.

Paul F. Conway, associate professor of finance, was one of the 20 professors selected by the International Committee of the American Assembly of Collegiate Schools of Business (AACSB) to participate in a workshop on International Business in New York City, June 6-23. The workshop is jointly sponsored by the AACSB, the Academy of International Business and the Graduate School of Business Administration of New York University.

Bernard D. Cullity, professor of metallurgical engineering, has received the College of Engineering's first Outstanding Teacher Award. Professor Cullity, who joined the engineering faculty in 1950, teaches a core course on engineering materials, "where he has been both a popular and a demanding teacher," according to the citation. He also is the author of a textbook published in 1956, Elements of X-Ray Diffraction, which continues to be used by seniors and first-year graduate students at universities throughout the country. Another book, Introduction to Magnetic Materials, was published in 1972.

Msgr. John J. Egan, special assistant to the president, received an honorary doctor of ministry degree at Holy Cross College's 131st commencement exercises on May 27.

John W. Lucey, associate professor of aerospace and mechanical engineering, has been elected to the Executive Committee of the Education Division of the American Nuclear Society for the next three years.

Brother Leo V. Ryan, C.S.V., dean of the College of Business Administration, was re-elected as Director of the Vilter Corporation (Milwaukee) at their annual shareholders meeting, May 3. He was also re-elected as Director of Vilter Sales and Construction Company (Chicago), Vilter, International (Milwaukee) and Filbert Corporation (Miami). In addition, Brother Ryan was re-elected for a one-year term as a member of the National Board of Advisors, Benedictine Sisters of Nauvoo, Illinois.

J. Kerry Thomas, professor of chemistry and senior scientist in the Radiation Laboratory, has been elected to the office of councilor in the Radiation Research Society.

## Activities

Joan Aldous, William R. Kenan Jr. professor of sociology, was a panelist at the National Institute of Health Population Research Study Section meeting in Washington, D.C., June 1-3.

T. Ariman, associate professor of aerospace and mechanical engineering, attended the Sixth Canadian Congress of Applied Mechanics, University of British Columbia, Vancouver, Canada and presented a paper entitled "Heat Transfer in Blood Rheology." He also chaired a session entitled "Biomechanics II" at the same conference.

Salvatore J. Bella, Jesse Jones professor of management, was invited to visit Avila College in Kansas City, Mo., to evaluate business curriculum and to assist in developing a new MBA program, on May 29 to June 2.

William E. Biles, associate professor of aerospace and mechanical engineering, moderated two sessions in the Operations Research Division program at the 1977 National Conference of the American Institute of Industrial Engineers in Dallas, Tx., May 23-27.

Frank J. Bonello, associate professor of economics, attended the Lilly Conference on Recent Development in Economics held at Indiana University April 21-23 and was a discussant for the session on Monetarism. He was also co-author with Lung-ho-Lin, visiting assistant professor of economics, of the paper "Variability of the Lag Between the Money Supply and Economic Activity: An Alternative Explanation" which Lin presented at the Eastern Economics Association meetings on April 16.

Wendy Carlton, assistant professor of sociology and anthropology, attended the North Central Sociological Association meetings, May 12-14 in Pittsburgh where she was a panelist on "A Woman's Perspective on Sociology."

Yu-chi Chang, associate professor of management, presented two papers "Value Orientation As A Mediator of Job Structure" co-authored with William Sexton, associate professor of management, and "Consumer Attitude Towards Fuel Consumption in the United States" co-authored with Syed Shahabuddin and Yasuhisa Hosomatsu, assistant professors of management, at the Institute of Management Science/Operations Research Society of America annual meeting in San Francisco, May 9-11.

Byung T. Cho, associate professor of management, presented a paper entitled "Exponential Smoothing in the Analysis of Seasonal Time Series" at the Institute of Management Science and the Operations Research Society of American joint meeting held at San Francisco, May 9-11.

Thomas P. Cullinane, assistant professor of aerospace and mechanical engineering, attended the National Conference of the American Institute of Industrial Engineers in Dallas, Tx., March 24-27. He was the chairman for the Facilities Planning and Design Division Program and chaired a session in this program. He also manned an educational booth sponsored by the College-Industry Committee on Materials Handling Education. Professor Cullinane also presented a seminar entitled "Emergency Route Planning for Production Facilities" at the Department of Industrial Engineering, University of Massachusetts on May 19.

James M. Daschbach, professor of aerospace and mechanical engineering, presented a paper entitled "Measuring Judicial Productivity," at the annual American Institute of Industrial Engineers Conference in Dallas, Tx., May 24-25.

John T. Goldrick, director of admissions, was the commencement speaker at St. Edward's High School, Elgin, Ill. on May 27.

Rev. Theodore M. Hesburgh, C.S.C., president of the University, was a member of a three-man United States team debating a three-man team from the Soviet Union on the subject of human rights in a live NBC News network telecast June 12 from 12:30 p.m. to 2 p.m. The question debated was "What is the appropriate role of human rights in Soviet-American relations?"

Gilbert Hong, scientist in the Radiation Laboratory, presented a paper entitled "Resonant Raman Scattering in the Strong Vibronic Coupling Limit" at the Eighth Molecular Crystal Symposium held at Santa Barbara, Calif., May 31-June 4.

Yasuhisa Hosomatsu, assistant professor of management, delivered a paper entitled "Social Preference: Question of Transitivity" at the national meeting of the Institute of Management Science/Operations Research Society of America held in San Francisco, May 9-11.

N.C. Huang, associate professor of aerospace and mechanical engineering, attended the Sixth Canadian Congress of Applied Mechanics at the University of British Columbia, Vancouver, Canada, May 29-June 2 and presented a paper entitled "Interface Stability During Unidirectional Solidification of a Pure Metal."

Mitchell Jolles, assistant professor of aerospace and mechanical engineering, attended the spring meeting of the Society for Experimental Stress Analysis in Dallas, Tx., May 15-20 and presented two papers "Stress Intensities for Nozzle Cracks in Reactor Vessels" and "Stress Intensities for Surface Flows in Thick-Walled Pressurized Spheres."

Lawrence H.N. Lee, professor of aerospace and mechanical engineering, attended the Sixth Canadian Congress of Applied Mechanics, at the University of British Columbia, Vancouver, Canada, May 29-June 3 and presented a paper entitled "Buckling of Elastic Rods by an Axial Impact."

Kenneth W. Milani, associate professor of accountancy, spoke to the Michiana Chapter of the National Association of Accountants on April 19. His topic was "Should Marketing Have a Role in Accounting Decisions?"

Rev. Edward D. O'Connor, C.S.C., associate professor of theology, gave a lecture entitled "A Charismatic Pope" in Ottawa, Canada on May 15 at a joint meeting of the Charismatic groups of the Ottawa region. He also lectured on "The Laying on of Hands" at a ceremony in Cornwall, Ontario on May 16 honoring the opening of a new French-Canadian publishing house, Le Trait-d'Union. The company began publishing with a pamphlet by Father O'Connor, "L'Imposition des Mains."

Wendy Clauson Schlereth, assistant archivist, University archives and Thomas J. Schlereth, associate professor of American studies, delivered presentations at the afternoon and evening sessions of a NEH Grant Planning Conference sponsored by the National Center for Ethnic Urban Affairs and the University's Institute for Urban Affairs on May 19. Ms. Schlereth spoke on "The Unwritten Past" and Professor Schlereth on "The Above-Ground Archaeology of Neighborhood History."

William P. Sexton, associate professor of management, delivered a paper entitled "Enhancing Peer Leadership in the Nursing Unit," at the Second Annual Administration of Patient Care Seminar at the Catholic Hospital Association in St. Louis on May 12.

Shan-Jen Sheng, scientist in the Radiation Laboratory, presented a paper entitled "Electric Field Effects on Exciton Motion, Luminescence, Trapping and Trap Luminescence in Molecular Crystals" at the Eighth Molecular Crystal Symposium held at Santa Barbara, Calif., May 31-June 4.

Lee A. Tavis, C.R. Smith professor of business administration, presented a paper "Planning in the Multinational Firm: The Strategic-Operations Interface," with R.L. Crum and D.D. Klingman at the Institute of Management Science/Operations Research Society of America meeting, New Orleans, March 3. He also served as a discussion leader at the Working Capital Management III Conference, University of Illinois at Urbana-Champaign on April 14. On April 22, Professor Tavis presented a paper entitled "Managing Cash Flows in the Multinational Firm: Operationally Efficient Modeling System", with R.L. Crum and D.D. Klingman, at the Eastern Finance Association Annual Meeting in Boston, Mass.

James L. Wittenbach, associate professor of accountancy, spoke on "Taxation of Unrelated Income of Not-For-Profit Institutions" to the Conference of Religious Treasurers of Michigan and Indiana at the Ramada Inn in South Bend on March 30. He also attended an Accounting Professors' Symposium, held at Arthur Andersen & Co.'s Center for Professional Development in St. Charles, Ill., May 16-17.

## Deaths

John Oesterle, 65, professor Emeritus of philosophy, died June 12 in South Bend.

John W. Scheberle, 72, a former member of the medieval studies faculty, died May 22 at Notre Dame.

Robert J. Schultz, 62, professor of architecture, died in Rome on May 23.

Matthew W. Weis, M.D., 76, senior member of the College of Science Advisory Council, died June 6 in Villa Ridge, Mo.

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# office of advanced studies

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## Special Notice

Due date for proposals in Office of Advanced Studies (OAS), Division of Research and Sponsored Programs (DRSP)

Proposals which must meet due dates or postmark dates of prospective sponsors are due in OAS, DRSP at least seven (7) calendar days prior to the due date or postmark date. For example, if the external due date is on a Monday, the proposal must be in OAS, DRSP no later than the prior Monday at close of business at 5:00 PM. Late proposals will be returned, with a note, to principal investigators through the offices of the appropriate dean.

OAS, DRSP will appreciate as much lead time as possible for processing of proposals.

## Information Circulars

### National Institute of Education Grants for Research on Education and Work

No. FY77-104

The National Institute of Education announces a program of support for research on Occupational Change and Assessment for Career Preparation, and for research on Women and Mathematics to be administered by its Education and Work Group.

The program will support research studies on 1) how educational experiences and programs can better prepare individuals for successful performance in a number of jobs or occupations and how occupationally valuable competencies can be validly identified and assessed, and 2) identifying the major factors related to women's participation and

achievement in the study of mathematics and their preferences for occupations requiring mathematical competence.

Approximately \$2.9 million will be available for projects selected for funding under this competition, with \$2.1 million available under the area of Occupational Change and Assessment for Career Preparation, and an additional \$0.8 million available under the area of Women and Mathematics. However, only projects of the highest quality will be supported, whether or not the resources of the program are exhausted. Grants may be up to three years in duration. Applications for small grants (less than \$10,000) will be considered for funding.

Based on past awards for field initiated research submitted to NIE, the Institute expects to award approximately 12-18 grants for research on Occupational Change and Assessment for Career Preparation, and 8-20 grants for research on Women and Mathematics.

The deadline for receipt of proposals is July 7, 1977. For further information, contact the Office of Research and Sponsored Programs, Extension 7378.

## National Science Foundation Technology Assessments in Selected Areas

No. FY77-105

As part of the NSF Research Applied to National Needs (RANN) Program, the Division of Exploratory Research and Systems Analysis (ERSA) of the Directorate for Research Applications has annually allocated approximately \$1,500,000 for the performance of technology assessments.

While the program focus will remain on substantive technology assessments, increased support will be provided for studies that center on methodological improvements and studies to enhance the utilization of results.

The National Science Foundation program on Technology Assessment is predicated on the belief that the assessment process can help meet the national need to provide information for decisionmaking related to the use of technology. The ultimate value of a technology assessment to the public policy decision-making process lies in its usefulness to decisionmakers and others concerned with broad public needs and issues.

"Technology" in the sense used here encompasses not only engineering or scientific techniques, but related institutional and infrastructural arrangements. In a technology assessment, the spectrum of technological choice is examined to determine the impact on

society of various plausible choices. A technology assessment describes the technological choices, considers alternatives among technologies and gauges the impact of the choices made in terms of institutional consequences. In particular, technology assessment refers to policy studies which systematically define, explore, and evaluate direct and indirect economic, social, environmental, and institutional consequences of the introduction of a new technology into our society or of expansion of an existing technology.

Policy choices must often be based on compromise and decisionmakers are responsible for assuring that the compromises are equitable and that costs and benefits are fairly allocated--both in terms of dollars and social costs and benefits.

The anticipated information of an assessment should therefore:

1. Identify technological developments
2. Specify viable alternatives based on the distribution of a variety of costs and benefits among affected parties
3. Present social choices and policy options compatible with a wide spectrum of future environments.

A technology assessment does not divine the future, but is ideally a tool for contingency planning, crisis avoidance, and policy option analysis. It develops alternative strategies that are internally consistent and subject to explicit constraints. Its value to both the decisionmaker and the public stems from its examination of alternative choices in terms of both immediate and delayed effects and its emphasis on the subtle and unintended consequences of adopting different courses of action. This implies that consequences must be anticipated among the choices made that may involve tradeoffs such as short versus long-term effects, and first versus higher-order benefits and costs. Finally, to test the ultimate utilization potential of the effort, its implementation must be considered in the context of the realities of actual decision-making processes.

For purposes of this announcement, certain distinctions in terminology bear scrutiny.

As noted earlier, the distinction between technology and techniques is critical. It is mirrored in the difference between technology assessment and technological forecasting. While an assessment explores alternatives and impacts in terms of institutional consequences, technological forecasting has been defined as an assessment on a relatively high confidence level of future technology transfer, i.e., prediction of development or implementation of specific techniques, independent of their societal consequences.

## Indiana State University Special Education Department Blumberg Predoctoral Scholarships

No. FY77-106

The Department of Special Education at Indiana State University is seeking applicants for Blumberg Predoctoral Scholarships which will be available beginning with the fall semester, 1977. The scholarships are available to qualified individuals specializing in some area of mental retardation who are in the final stage of their doctoral program. The Department, through its multifaceted programs and disciplines provides services, professional training and research which relate to mental retardation at many levels. These disciplines include special education, language and hearing disorders, and school psychology.

The Scholarships are offered on a yearly basis to students who are in the final stage of their doctoral program and have finished their academic course work. Their major area of doctoral study and demonstrated interests should include emphasis on some aspect of mental retardation, e.g., educational management, language acquisition, socio-cultural aspects, and so on.

### Stipends:

Stipends will be for \$2,000-\$8,000 for 9 months, and may be held in addition to other graduate assistantships and fellowships. Demonstrated financial need is not required. Scholars will be required to register for a minimum of 5 hours of internship per semester in order to qualify. This internship can be managed in a variety of ways which match the needs and qualifications of the Scholars and the Department of Special Education. Some possible internship assignments are: 1. Service through the programs or centers of the Department; 2. Teaching Internship; 3. Research either independent or in collaboration with a Special Education Faculty member on some aspect of mental retardation.

A Scholar may be eligible for 2 years assistance, and will be assigned to a senior faculty member for consultation and supervision.

Interested candidates should submit the following information by June 30, 1977:

1. Transcript of all graduate work completed
2. Letter from their doctoral committee chairperson documenting continued satisfactory progress toward the doctoral degree and uncompleted degree requirements
3. Letter of proposal requesting the kind of assignment desired, and the qualifications and interests of the candidate as they relate to this assignment

4. Request for application and reference forms from the Special Education Department chairperson

All inquiries and requests for application forms should be sent to:

Dr. Liam K. Grimley, Chairperson  
Special Education Endowment Fund  
Special Education Department  
Indiana State University  
Terre Haute, Indiana 47809

## National Science Foundation Regulation Research Program

No. FY77-107

The purpose of this program is to provide a comprehensive, systematic knowledge base from which to formulate policy decisions on regulatory activities. The program funds research on important issues of public regulation which are likely to generate legislative or policy action at the Federal, State or local levels of government, within the medium term (5 years). Because public regulation affects most aspects of economic activity, including private sector productivity, the NSF Regulation Research Program is intended to be comprehensive in its examination of regulatory problems. However, the program emphasis may change from year to year as priorities of national need and availability of funds dictate.

Research funded under the Regulation Program is intended to have utility for policymakers. Thus, research proposals must be directed to a specified audience, demonstrating how information developed through the research will be relevant and useful to policymakers in that audience, be it government, industry, labor, or the general public. Occasionally, proposals will be funded whose primary purpose is to develop or improve methodology, to build new data bases for the purposes of measurement and assessment of regulatory problems, to convene workshops and conferences to assess the state of the art or to identify researchable problems relating to specific regulatory issues.

Projects funded under this research program can analyze existing or alternative regulations that affect the price, quantity and quality of goods and services produced in the private sector or which affect technological progress.

The studies may examine regulatory implications for allocative efficiency, social impacts and equity, or growth. Studies dealing with the efficiency and equity of regulatory processes themselves may be considered.

The sectors of particular interest in this Program are: public utilities (including transportation); financial industries (including insurance, stock and bond markets); food industries; extractive industries, service industries; and, markets for professional, skilled and semi-skilled labor.

There are no definite closing dates for the Regulation Research Program.

## **American Council of Learned Societies Competitions to Be Held in 1977-78 Fellowships and Grants for Postdoctoral Research and Study**

No. FY77-108

### 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, 1977

### 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. Period of tenure: Minimum of six consecutive months to a maximum of one year. No age limit is imposed, but it is expected that applicants be under 36 years of age and have taught for two or three years since acquiring the doctorate. Maximum award: \$12,000.

Deadline: November 15, 1977

### Research Fellowships for Recent Recipients of the Ph.D.:

For humanistic research. Period of tenure: Minimum of one semester (or four and one-half months) to a maximum of twelve months. Applicants' degrees must have been conferred in calendar years 1975 or 1976. Maximum award: \$7,000.

Deadline: November 1, 1977

### Grants-In-Aid:

To advance significant humanistic research in progress. Maximum award: \$3,000.

Deadline: January 16, 1978

In addition, subject to being funded, grants-in-aid for scholars engaged in the preparation of dissertation research for publication, or other work leading to a first publi-

cation. Applicant's Ph.D. degree must have been conferred no earlier than July 1, 1975. Maximum award: \$1,500.

Deadline: September 30, 1977

### Grants for Research on Chinese Civilization:

For research in the humanities and social sciences relating to pre-1910 China, either in this country or abroad. Applications are also invited from experienced scholars which synthesize the fruits of their studies into an original and mature overview of a given problem, age, or field of knowledge. Preference will be given to scholars who have had no recent substantial support. Grants range from small sums for brief periods of research to a maximum of \$15,000 for at least six months of uninterrupted research.

Deadline: December 1, 1977

PROGRAMS SPONSORED JOINTLY BY THE ACLS AND THE SOCIAL SCIENCE RESEARCH COUNCIL (for postdoctoral research and study in the humanities and social sciences)

### Mellon Fellowships for Chinese Studies:

To sustain and advance the competence of scholars trained in the area of historical or contemporary Chinese studies by providing opportunities to maintain and improve research and teaching skills. Eligibility is limited to those who, at the time proposed for tenure, will be within twelve years of receipt of the doctorate and who will have taught for at least three years. Grants, normally of no more than \$15,000, will be made for advanced study at major university centers of Chinese studies or for advanced language training in East Asia.

Deadline: December 1, 1977

### Grants for Soviet Studies:

Subject to being funded, for research relating to Revolutionary Russia and the U.S.S.R. (Specialists on pre-1917 Russia are referred to the Council's programs of fellowships and Grants-in-Aid.) Grants will not exceed \$10,000.

Deadline: December 30, 1977

### Grants for East European Studies:

Subject to being funded, for research relating to the cultures and populations (regardless of their geographical locus) of Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, Yugoslavia, East Germany since 1945, and modern Greece. Grants will rarely exceed \$10,000. Grants are also offered in rare instances to contribute toward the cost of conferences held in the United States and Canada for the advancement of research in the East European field.

Deadline: December 30, 1977

Grants for Study of East European Languages: Subject to being funded, for intensive, intermediate level study abroad of the languages of Albania, Bulgaria, Czechoslovakia, Greece (modern Greek, intended only for teaching purposes or for research on modern Greece), Hungary, Poland, Romania, and Yugoslavia. Grants are also offered for enrollment in language courses on all levels in the United States if such courses are not available in the regular program of the home institution. In addition to scholars who already hold the Ph.D., this program is open to graduate students who have by the competition deadline completed at least one year of graduate study. Stipends will range from \$300 to a maximum of \$1,000 and are intended for support of the recipient only.

Deadline: February 1, 1978

Programs Administered by the Social Science Research Council:

These 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), South Asia, Southeast 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.

Programs Administered by the International Research and Exchanges Board:

Includes (under auspices of joint committees of the ACLS and the Social Science Research Council) post-doctoral and pre-doctoral exchanges with Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Romania, the U.S.S.R., and Yugoslavia. Those United States citizens whose postdoctoral research project necessitate residence of two months or longer in any one of these countries should apply to IREX rather than ACLS. Correspondence should be addressed to the International Research and Exchanges Board, 110 East 59th Street, New York, New York 10022.

In all programs administered by ACLS, except that in study of East European Languages, applicants are required to hold the doctorate or equivalent as of the deadline date. Applicants normally must be citizens or permanent residents of the United States or Canada.

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

Inquiries and requests for applications should be addressed to:

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

**Eisenhower Memorial Scholarship  
Foundation, Inc.  
Graduate Scholarship Program**

No. FY77-109

The Eisenhower National Graduate Scholarship Program seeks to encourage scholarship and intellectual attainment at the graduate level for qualified students who have demonstrated an active commitment to the principles of individual freedom, limited government, and free-market economics.

The Eisenhower Memorial Scholarship Foundation may grant three graduate scholarships to be awarded each year. These awards shall be for not less than \$1,000 nor more than \$3,000, at the discretion of the Board of Trustees of the Foundation and acting upon the recommendations of the Eisenhower National Graduate Scholarship Committee. The scholarship awards are named as follows: The Eli Lilly Graduate Scholarship; The Ruth Allison Lilly Graduate Scholarship; the John and Barbara Eisenhower Graduate Scholarship. Scholarships in addition to the three named awards may be granted and shall be designated as Eisenhower Graduate Scholarships.

Successful applicants who are chosen to receive graduate scholarship awards will be notified at least one month prior to the start of the school year. Scholarship awards shall be made to the recipient in equal increments, one-half prior to the start of the school year in the fall and the other one-half prior to the start of the spring semester.

The use of scholarship awards is unrestricted. The only condition of the awards is that the recipient has either been accepted in an approved graduate program or is currently enrolled in an approved graduate program and is eligible to continue his studies.

A candidate for an Eisenhower Graduate Scholarship must be a citizen of the United States. The Eisenhower National Graduate Scholarship Program is open to all applicants without regard to race, color, age, sex, religion, or national origin.

While there are no areas of study which are more favored than others, the Selection Committee shall select those candidates who appear most likely to make the greatest contributions in the area of advancing the principles of individual freedom, limited government, and free-market economics. Quality of character and intellect, together with a demonstrated commitment to those ideals espoused in the Statement of Purpose above, shall be the primary criteria. Financial need will not be a consideration in awarding stipends. In the event that a personal interview of an applicant is considered desirable, prior arrangements will be made and agreed upon by those concerned.

Applications are now available in the Graduate School Office, Extension 7544.

## National Science Foundation Scientists and Engineers for the Third World

No. FY77-110

Global problems ranging from pollution in the Aegean Sea, wilting potato crops in Brazil, and sources of food and medicine in the Philippines will be studied by U.S. researchers awarded grants by the National Science Foundation (NSF).

The awards, totaling \$284,950, were made to 30 scientists and engineers from 27 U.S. colleges and universities under a program administered by NSF's Scientists and Engineers in Economic Development (SEED) program. Now in its seventh year in NSF's Division of International Programs, the SEED program is funded by the Agency for International Development (AID).

The U.S. researchers will spend up to a year teaching and conducting research in biology, mathematics, engineering, chemistry, energy, food and nutritional sciences and other fields. They were invited by universities and technical institutions in the developing countries.

Ideas for these projects come from experts in the host countries and in the United States. In Turkey, a chemist from California State University will study the blood pigments of lobsters, shrimps, crabs, octopi, and economically important fishes for indications of metal ions being discharged into the Aegean Sea. In Brazil, a plant pathologist from the University of Georgia will identify strains of bacteria causing food plants and other crops to wilt--potatoes, tomatoes, bananas, and tobacco. He will assess methods for reducing losses in production due to plant wilt. In the Philippines, a Mississippi State University zoologist will help study mangrove and palm swamps as sources of firewood, building materials, tannin, food, medicinals, and raw materials for cottage industries.

Of the 30 awards this year, 14 are research-teaching grants. Sixteen are international travel grants for shorter visits to conduct seminars, give lectures, review research projects, and survey educational developments. Institutions in the developing countries as well as those in the U.S. contribute financially to the projects.

The 17 countries participating in the 1977 SEED program are: Afghanistan, Bolivia, Brazil, Chile, Colombia, Ethiopia, Indonesia, Jamaica, Korea, Malaysia, Nigeria, Philippines, Republic of Panama, Sri Lanka, Tanzania, Thailand, and Turkey.

The closing date for submission to the next round is December 1, 1977.

## Current Publications And Other Scholarly Works

ARTS AND LETTERS  
HUMANISTIC AND SOCIAL STUDIES

### Economics

Kim, Kwan-Suk  
R. Liu, Y.C. Chang, K.S. Kim, and L.C. Suen. 1976. An application of MDR method to modeling of gasoline consumption of the United States. Pages 114-125 in, R. Saeks, ed. Large-Scale Systems. Point Lobos Press.

### Modern and Classical Languages

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T.W. Renaldi. 1977. Notes on the functions of *acaso*, *quizá* (-s) and *tal vez* in American Spanish. *Hispania* 60(2):332-336.

### Philosophy

McKim, Vaughn R.  
V.R. McKim. 1977. Social and environmental values in power plant licensing: A study in the regulation of nuclear power. Pages 30-99 in, K. Sayre, ed. Values in the Electric Power Industry. University of Notre Dame Press.

### Theology

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E.D. O'Connor, CSC. 1977. *L'imposition des mains*. Editions Trait-d'Union. Cornwall, Ontario. 26pp.

## SCIENCE

### Biology

- Craig, Jr., George B.  
H.A. Terwedow, Jr. and G.B. Craig, Jr.  
1977. Waltonella flexicauda: Development controlled by a genetic factor in Aedes aegypti. Experimental Parasitology 41:272-282.

### Chemistry

- Castellino, Francis J.  
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M. Gonzalez-Gronow, B.N. Violand, and F.J. Castellino. 1977. Purification and some properties of the Glu- and Lys-human plasmin heavy chains. Journal of Biological Chemistry 252(7):2175-2177.  
Kozak, John J.  
\*D.G. Knox and J.J. Kozak. 1977. Effect of relaxing the continuum dielectric approximation on Poisson-Boltzmann thermodynamics. Molecular Physics 33(3):811-831.  
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Martinez-Carrion, Marino  
W.J. Critz and M. Martinez-Carrion. 1977. Sulphydryl group and modification of aspartate aminotransferase with 3-bromo-1, 1, 1-trifluoropropanone during catalysis. Biochemistry 16(8):1554-1558.  
W.J. Critz and M. Martinez-Carrion. 1977. Fluorine-19 nuclear magnetic resonance studies of effects of ligands on trifluoroacetylated supernatant aspartate transaminase. Biochemistry 16(8):1559-1564.  
Nowak, Thomas  
T. Nowak and M.J. Lee. 1977. Reciprocal cooperative effects of multiple ligand binding to pyruvate kinase. Biochemistry 16(7):1343-1350.  
Scheidt, W. Robert  
J.F. Kirner, C.A. Reed, and W.R. Scheidt. 1977. Stereochemistry of manganese porphyrins. 3. Molecular stereochemistry of  $\alpha, \beta, \gamma, \delta$ -tetraphenylporphyrinato-(1-methylimidazole) manganese (II). Journal of the American Chemical Society 99(8):2557-2563.  
Thomas J. Kerry  
\*J.K. Thomas. 1977. Effect on structure and charge on radiation-induced reactions in micellar systems. Accounts of Chemical Research 10:133-138.  
\*M. Cooper and J.K. Thomas. 1977. A pulsed laser study of excited states of aromatic molecules absorbed in globular proteins. Radiation Research 70:312-324.

- \*K. Kalyanasundaram and J.K. Thomas. 1977. Environmental effects on vibronic band intensities in pyrene monomer fluorescence and their application in studies of micellar systems. Journal of the American Chemical Society 99(7):2039-2044.  
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\*Under the Radiation Laboratory  
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### Microbiology

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\*C.F. Chang and M. Pollard. 1977. In vitro propagation of prostate adenocarcinoma cells from rats. Investigative Urology 14(5):331-334.  
Pollard, Morris  
\*C.F. Chang and M. Pollard. 1977. In vitro propagation of prostate adenocarcinoma cells from rats. Investigative Urology 14(5):331-334.

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\*Under the Lobund Laboratory  
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### Physics

- Kenney, V. Paul  
V.P. Kenney. 1977. Review of  $K^*(1400)-K^*(1800)$   $S=1$  meson spectroscopy. Pages C15-C18 in, Proceedings of the XVIII International Conference on High Energy Physics. Tbilisi, U.S.S.R.

### Radiation Laboratory

- Farhataziz  
Farhataziz. 1977. Ultraviolet part of transient absorption spectrum induced in liquid ammonia by nanosecond pulse radiolysis. Journal of Physical Chemistry 80(9):827-828.  
Neta, Pedatsur  
P. Neta and D.W. Whillans. 1977. Radiation chemical studies of azodicarbonamide in aqueous solution. Radiation Research 70:325-333.  
Scaiano, Juan C.  
R.D. Small and J.C. Scaiano. 1977. Reaction of type II biradicals with paraquat ions. Measurement of biradical lifetimes. Journal of Physical Chemistry 81(9):822-832.  
Small, Richard D.  
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Huang, Nai-Chien

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Lee, Lawrence H.N.

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### Chemical Engineering

Klimasara, Anthony J.

A.J. Klimasara, N.F. Fiore, G.C. Kuczynski, and D.W. Schutt. 1976. Automated resonance-bar damping measurement system. The Review of Scientific Instruments 47(9):1163-1166.

Wolf, Eduardo E.

E.E. Wolf and E.E. Petersen. 1977. Analytical solutions of limiting poisoning mechanisms for a zero-order main reaction. Chemical Engineering Science 32(5):493-497.

### Electrical Engineering

Liu, Ruey-wen

R. Liu and L.C. Suen. 1976. An MDR model of the United States economy. Pages 690-694 in, Proceedings of the International Conference on Cybernetics and Society.

R. Liu and L.C. Suen. 1977. Minimal dimension realization and identifiability of input-output sequences. Pages 227-232 in, IEEE Transaction on Automatic Control.

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Suen, Lai-Cheng

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### Management

Chang, Yu-chi

W.P. Sexton and Y.C. Chang. 1976. Value orientation as a mediator of job structure, satisfaction and productivity: An empiric investigation and contingency model. Organization and Administrative Sciences 7(4):73-86.

J.W. Houck, C.P. Kartha, and Y.C. Chang. 1977. Effect of discrimination on job satisfaction. Pages 374-375 in, AIDS 8th Annual Midwest Conference Proceedings.

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Houck, John W.

J.W. Houck, C.P. Kartha, and Y.C. Chang. 1977. Effect of discrimination on job satisfaction. Pages 374-375 in, AIDS 8th Annual Midwest Conference Proceedings.

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Sexton, William P.

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# Monthly Summary

## Awards Received

IN THE MONTH OF MAY, 1977

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Chemistry	Scheidt	X-ray and chemical studies of metallorporphyrins	Natl. Inst. Health	58,892 12
Microbiology- Lobund Lab.	Pollard	Cancer research in Lobund Laboratory	Cancer Soc., Huntington Cty.	500 ---
Chemical Eng.	Kohn, Luks	Solubility of hydrocarbons in cryogenic NGL and LNG	Nat. Gas Proc. Assocn.	11,991 6
Center Study Man	Sayre	Values and electric power industry regulation	Natl. Sci. Fdn.	83,000 27
English	Sniegowski	Lilly Endowment Faculty Open Fellowship	Lilly Endow.	19,500 9
Chemistry	Basu	Glycolipid metabolism in tumor transformed cells	Natl. Inst. Health	48,612 12
Aeros. Mech. Eng.	Lloyd, Yang	Radiation-convection inter- actions in heat transfer	Natl. Sci. Fdn.	72,700 24
Mathematics	O'Meara	Quadratic forms and group theory	Natl. Sci. Fdn.	46,400 12
Microbiology- Lobund Lab.	Pollard, Teah	Development and maintenance of germfree animal colonies	Natl. Inst. Health	137,300 12
Ambrosiana Collection	Gabriel	Enrichment of the Ambrosiana collection	S.H. Kress Fdn.	10,000 13
Physics	Tomasch	Electronic tunneling from metals	Natl. Sci. Fdn.	38,000 12
Microbiology- Lobund Lab.	Wostmann, Madsen	Antibiotics: effects on bile acids and cholesterol	Natl. Inst. Health	54,784 12
Biology	Craig	Allergy and infectious diseases	Natl. Inst. Health	3,000 12
AWARDS FOR EDUCATIONAL PROGRAMS				
Law School	Postlewaite	Japan summer law program	The Japan Fdn.	10,000 2
Center Pastoral Social Ministry	Egan	Conference on China	J.J. Spae	2,000 4 days
Center Pastoral Social Ministry	Egan	Conference on China	Midwest China Study Res. Cent.	1,000 4 days
Center Study Man	Santos	Mental health outreach training to serve the elderly	Natl. Ins. Health	59,803 12
Law School	Crutchfield, Link	Council on Legal Education Opportunity summer institute	Council on Legal Ed. Opportunity	30,000 1.5
Architecture	Featherstone, Santos	Design of environments for the elderly	Gerontological Soc.	6,000 5 days
SERVICE PROGRAMS				
Center Human Devel.	Dwyer	Needs assessment program	---	535 ---

# Proposals Submitted

IN THE MONTH OF MAY, 1977

Department or Office	Principal	Short title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Biology	Morgan	Effect of power station on salmonid migrations	NIPSCO	159,247 12
Aero. Mech. Eng.	Roberts	Correlation of single stage data	Natl. Aero. Space Admin.	18,401 12
Aero. Mech. Eng.	Kanury, Lloyd	Liquid pool burning in reduced gravity	Natl. Aero. Space Admin.	32,504 12
Microbiology- Lobund Lab.	Pollard	Metastases by electron microscopy	Cancer Soc. St. Joe Co.	12,500 12
Aero. Mech. Eng.	Lee	Dynamic instabilities in high-velocity forming of metals	Natl. Sci. Fdn.	89,132 24
Aero. Mech. Eng.	Mueller, Nelson Goddard	Visualization of the boundary layers	U.S. Army	157,842 36
Law School	Soderquist	Development of a course in corporation law	Exxon Educ. Fdn.	24,355 9
Earth Sciences	Horodyski	Proterozoic stromatolites, microfossils, and macrofossils	Amer. Chem. Soc.	16,325 36
Chemistry	Hayes	X-ray photoelectron spectroscopy of heme compounds	Natl. Inst. Health	74,002 12
Economics	McDonagh	Impact of the National Labor Relations Board's deferral policy	Dept. Labor	10,330 12
Chemistry	Castellino	Plasminogen and plasmin: Structure and function	Natl. Inst. Health	36,936 12
Microbiology- Lobund Lab.	Wostmann, Madsen	Antibiotics: Effects on bile acids and cholesterol	Natl. Inst. Health	70,284 12
Electrical Eng.	Gajda	Fabrication/elec. characterization of graphic/epoxy composite	U.S. Navy	21,053 12
English	Joens	Native New Mexican resistance in the Lincoln County War	Natl. Endow. Humanities	47,809 12
Electrical Eng.	Uhran	Flow charting for remote reading software program	Amer. Electric Power Co.	4,200 2.5
Aero. Mech. Eng.	Houghton	Zero inserting force socket design	Wells Electronics, Inc.	7,933 2
English	Golden	Researcher cataloguer for Irish holdings	Amer. Irish Fdn.	11,175 9
Electrical Eng.	Melsa, Cohn	Development of an NIC processor	TELLABS, Inc.	49,450 12
PROPOSALS FOR EDUCATIONAL PROGRAMS				
Architecture	Featherstone	Design of environments for the elderly	Gerontological Soc.	6,840 5 days
Electrical Eng.	Melsa, Sain	NEC international forum on linear multivariable control	Natl. Sci. Fdn.	6,666 6
Philosophy	Caponigri	Conference: International Institute of Philosophy	(Private fdtn.)	2,025 10 days
Management	Bella	Jesse H. Jones Professorship	Houston Endow., Inc.	50,000 9
English	Golden	Irish Studies Publication Series	Amer. Irish Fdn.	3,375 12
Civil Eng.	Irvine	Joint program in Environmental Engineering and Law	Environ. Protect Agency	21,369 49
Theology	Hammes	Institute on Theological Reflection	Boston Theol. Inst.	19,500 2 weeks

# Summary of Awards Received and Proposals Submitted

IN THE MONTH OF MAY, 1977

## AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	7	\$ 367,979	6	\$ 216,700	13	\$ 584,679
Facilities and Equipment	-	-	-	-	-	-
Educational Programs	2	89,803	4	19,000	6	108,803
Service Programs	-	-	1	535	1	535
Total	9	\$ 457,782	11	\$ 236,235	20	\$ 694,017

## PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	6	\$ 391,374	12	\$ 452,104	18	\$ 843,478
Facilities and Equipment	-	-	-	-	-	-
Educational Programs	1	50,000	6	59,775	7	109,775
Service Programs	-	-	-	-	-	-
Total	7	\$ 441,374	18	\$ 511,879	25	\$ 953,253

## Closing Dates for Selected Sponsored Programs

Proposals must be submitted to the Office of Research and Sponsored Programs ten days prior to the deadline dates listed below.

Agency	Programs	Application Closing Dates	
Department of the Interior	Research - Bureau of Mines	August	15, 1977
Department of Justice	Internships in Criminal Justice	August	1, 1977
Health Services Administration	Research in Maternal and Child Health and Crippled Children's Services	August	1, 1977
National Endowment for the Humanities	Education Programs (institutes and development)	August	1, 1977
National Endowment for the Humanities	Public Programs	August	26, 1977
National Science Foundation	Division of Physiology, Cellular and Molecular Biology Proposals	August	1, 1977
National Science Foundation	Division of Social Science Proposals	August	31, 1977
National Science Foundation	Ecological Sciences Proposals	August	5, 1977
National Science Foundation	Ethics and Values in Science and Technology Proposals	August	1, 1977
National Science Foundation	Metabolic Biology Proposals	August	1, 1977
National Science Foundation	Oceanography Proposals	August	15, 1977
National Science Foundation	Population Biology and Physiological Ecology Proposals	August	5, 1977
National Science Foundation	Public Understanding of Science	August	1, 1977
National Science Foundation	Regulatory Biology Proposals	August	1, 1977
National Science Foundation	Systematic Biology Proposals	August	5, 1977
National Science Foundation	Undergraduate Research Participation Program	August	19, 1977
National Science Foundation	U.S.-Japan Cooperative Science Program	August	5, 1977

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# documentation

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## President's Silver Jubilee Dinner

### 'The Hesburgh Achievement'

Remarks by Thomas Stritch, professor of American studies, at the President's Dinner on the Silver Jubilee of his administration, May 24, 1977.

In a University, reputation is everything. Education is acquired by osmosis; it is an affair of milieu, of atmosphere, of elevated tone and heightened feeling. The quality of life which produces true education, the genuine cultivation of the mind and heart, is very fragile and delicate; it cannot long abide with coarseness of spirit, and it cannot grow except by way of style. Hence it is rarely given to a person to command it.

It is the supreme gift of Theodore Martin Hesburgh to have been able to command it, and his supreme achievement of have done so here at Notre Dame these 25 years. The splendid paraphernalia of this achievement, the sticks and stones and programs and institutes and facilities and endowed chairs, are the mere artifacts of it. The heart of the matter lies deeper, in that elusive country where university reputations are made. Father Hesburgh knew this instinctively when he became President of Notre Dame in 1952. His earliest messages to the faculty and students were messages urging academic excellence. He knew that excellence attracts excellence and mediocrity breeds mediocrity.

The call to excellence he sounded then was a brace and courageous call, and few could have given it much chance of success. But it worked, and it worked; I think, largely because Father Hesburgh made it work by working himself to become a shining exemplar of all he meant. His own reputation grew nationally with that of Notre Dame; they became mirrors of one another.

All this could not and did not happen in a vacuum, of course. When Father Hesburgh became our President he succeeded to a splendid history of that office. Sorin the Great, the brilliant James A. Burns, two magnificent John Cavanaughs, among many others, dreamed great dreams before him, and he has built on their achievements, particularly those of his mighty predecessor, John Cavanaugh the Second. The faculty, too, for whom and to whom I have the honor to speak this evening, did not spring in full panoply from the Hesburgh head. Every generation of Notre Dame had its great teachers. Let me recall only a few names from my own student days--Father Crumely, Father Miltner, Father Leo L. Ward, John Frederick, Charley Phillips, Fred Myers and the two greatest of them all, both my intimate friends, Jim Withey and Frank O'Malley. These teachers of the past, all dead now--I forbear to name the living--recall a vital past to many of us here this evening. Toward the close of the 30's there came the vanguard of a long line of distinguished foreign scholars who contributed so much to Notre Dame--Gurian, Artin, Menger and Hermens, to mention just a few. In art and architecture, in painting and music, especially the music of the Church, there was vigorous life. And there was, then as now, the spirit and generosity and good-heartedness of a student body so easy to work with that I for one never in the end wanted to teach anywhere else.

And there is someone else I want to name. That is Father Howard Kenna, also my intimate friend, and, as Vice-President for Academic Affairs at Notre Dame and later on as Assistant Superior General and Provincial of the Congregation of Holy Cross, he was the stalwart supporter of Father Hesburgh. Thinking of Father Kenna, so eminently and wholly a priest, reminds us that Father Hesburgh has been a priest and religious after Kenna's own heart, that above all. It is the foundation and wellspring of all that he has done.

I want to suggest by this that Notre Dame is not just the lengthened shadow of one man. But a man may be its exemplar and symbol. I know what has kept Father Hesburgh in this painfully public post these last 25 years. It is his dedication to the principles he had enunciated and embodied. I am sure, for example, that he knows that the Campaign for Notre Dame, so bravely launched last month and so essential to his vision, could not without him be so confident of success. And in this knowledge, as he marks tomorrow his 60th birthday, there is no vanity, there is just the opposite, a fearful apprehension of the magnitude and the duration of the severe tasks he has set himself, for he knows they will never be finished.

## 'Some Irreverent Irrelevancies'

Remarks by Leo M. Corbaci, dean of administration, at the President's Dinner on the Silver Jubilee of his administration, May 24, 1977.

As Father Burtchaeil has told you, tonight's program has been altered somewhat without Father Hesburgh's knowledge. Professor Stritch has just given an eloquent expression of our pride in Father Hesburgh and his accomplishments. Although we may all agree with Tom's assessment, it is another measure of the man to believe that if he had known of this switch in tonight's program he would have said, "Hold it, all this has gone far enough." In that spirit and before we reach the level of sanctification, there is an added twist. Now that we have had the toast, it's time for the roast, so with all necessary apologies and due respect to St. Lawrence, I shall attempt a roast with a gourmet touch, namely, one that is simultaneously rare, medium warm, and, I hope, well done.

Before we proceed, however, I must thank Father Burtchaeil for that totally inadequate introduction. I had hoped that he would be so laudatory that one or two of you would be induced to kneel. Father Burtchaeil's remarks were not only incomplete but also inaccurate. I have only myself to blame, however. After all, he was merely reading from my last Faculty Service Report. I noticed that not even Mickey, my wife, applauded the introduction. My wife and Notre Dame: I love them both and can't control either.

There are two reasons for selecting me to speak tonight. First, Father Burtchaeil said he didn't want anyone below the rank of dean. I was flattered until I realized that in academic circles nothing is ranker than a dean. I prefer to think, however, that the real reason is, that despite an earlier temporary appointment to the Department of Economics, I am Father Hesburgh's first full-time appointee to the faculty. Some contend that in 25 years the appointment was his only mistake. Be that as it may, Father Hesburgh and I agree on one thing. We have both risen as far as we're gonna go at this University.

I have known Father Hesburgh for 27 years. Unfortunately I don't think he is too happy about it, he only admits to having known me for 17 years. It worries me to some extent. It sounds suspiciously like the Social Security system which disregards the employee's 10 least productive years. It makes one feel insecure--tenure or no tenure. Another example of our relationship dates from 1972 when he honored me with a distinguished service award. The citation was both flowing and glowing. I have noticed since then, however, that when other recipients open their envelopes they contain honorariums. Mine contained a subpoena.

Some of Father's activities such as the Campaign for Notre Dame hold much promise for the future while others have lead to a steady increase in the quality and quantity of students, faculty and facilities. Through his efforts we now have 96 buildings. At last, we have one more building than we have football players.

The 1960 commencement exercises included President Eisenhower, Cardinal Montini, Thomas Dooley and others, equally distinguished. I was, as General "Ike" would have put it, G-3 for the event. Afterwards I ended up with two souvenirs of the occasion: one is a picture of me standing with the power structure of the western world, the President of the United States, the present Pope, the President of the University and the Director of Security at Notre Dame. They are not necessarily listed in descending order. The second souvenir was a long vacation courtesy of Blue Cross. I was gone so long that Father wanted to reclassify me as regular part-time faculty.

There are many contrasts between the Father Hesburgh of today and the Father Hesburgh of 1952. For example, in 1952 when he spoke of his Italian connection, Father meant me: now when he says it, he means the Pope. In 1952 Father often lamented his lack of connections, saying that the few he had were so plain. Last Sunday, however, he demonstrated that he had a connection from Plains.

Today Father is known world-wide. He now knows so many prominent people that occasionally he confuses international and University figures. Recently he was talking to Pope Paul who told him how troubled he was with some people in the news. Father Hesburgh automatically assumed that the reference was to the two most powerful men in the world. "Alright," he said, "when I see Brezhnev and Carter again, I'll relay your concern." "Brezhnev-Carter!" exclaimed the Pope, "I'm worried about Burtchaeil and Devine."

It would not be fitting to conclude without commenting on Father's travels on behalf of the school. During his 25 years he must have stayed in 2,500 hotel rooms. He is different than most of us, however. Whereas others might, on occasion, glance at a Gideon Bible and even read a chapter or two, he has read it, revised two chapters and added one. It's a safe bet that in 25 years of travel, he has added 4 per cent to the world's proven reserve of lost luggage.

Father, in the past four or five months you have received many well-deserved testimonials and accolades congratulating you on your 25 years as President of University, on your contributions to higher education, your fight for human rights and your achievements for Notre Dame. Tonight, those with whom you identify most closely, the priests, brothers and sisters, the laymen and laywomen of the Notre Dame faculty and staff, join together--as members of a family--to rejoice with you. We are all grateful that you have passed this way in this time.

## President's Remarks

Following are the remarks of Father Hesburgh at the annual President's Dinner held May 24, 1977.

I want to do three things tonight. First, I want to reminisce a little bit about what has happened in the last 25 years. Let me say now that what has been accomplished here over the past 2½ decades has been the result of the blood, sweat, tears and effort of many people, many of whom are right here in this room. Indeed, many of you have been here longer than I.

In any event, from a few statistics that Bill Burke has compiled I can report that during this time our faculty has doubled, and the number of students has almost doubled. Student quality has gone up also, if one can judge by the S.A.T.'s. Twenty-five years ago we gave out 916 degrees; yesterday we gave out over 2,000. We had something like 20,000 alumni 25 years ago; with yesterday's group, we are very close to 60,000. Something that I find wonderful is the fact that 25 years ago we had only \$20,000 to help students, while this past year we have given undergraduates over \$8.5 million in aid and graduate students about \$2.5 million. The value of our physical plant has gone up by over \$100 million. Our budget has jumped from \$10 to \$65 million. We had about \$600,000 here in research money 25 years ago, while this year it will be over \$7 million. I remember coming back here to teach in 1945, when we had about \$1 million in endowment. We were really down near the bottom of the pile. The last set of figures I saw nationally has us the 23rd largest endowed university in this country, having now about \$111 million in endowment. I pledge to you that when we finish the Campaign for Notre Dame we will be among the top 10 or 15 universities in the land.

Bill Burke dug up one figure I am almost ashamed to quote. The average faculty salary in 1952 was \$5,400. Now it is about \$22,500, and for the first time we are beginning to get near the top on the AAUP ratings. Last year we were 3-4-4-3 for professors, associates, assistants and instructors. Next year we will be 2-2-3-2. But I won't be satisfied until we are 1-1-1-1.

Sometimes it is difficult to remember how things were 25 years ago, but Bill has laid out a list of things we have today that were non-existent in 1952. In 1952 we had no major medical insurance; we had no long-term disability plan. We had no University-paid Blue Cross-Blue Shield. We had no travel accident insurance. We had no tuition benefits here or elsewhere for sons and daughters of faculty. I am grateful to a whole myriad of people when I think of the buildings that have come to be here. I think of people like Lewis, O'Shaughnessy, Hammes, Pangborn, Keenan, Stanford, Stepan, Galvin, Hayes-Healy, Flanner, Grace and so many others who have given us the facilities to build a better university. In the past quarter century we have added almost 400 acres to our land; we are one of the few universities in the country with room in which to grow.

The Graduate School is, I think, of deep interest to all of you. We had 376 graduate students in 1952, and this year we had 1,286. We awarded only 22 doctorate degrees in 1952, while this year we had 136 doctorates granted. The total financial support of the Graduate School in 1952 was \$215,000; it is much more than 10 times that today. We had

no endowed professorships then; we have 18 now, and I pledge to you that before this campaign is over we will have more than 40. And when we get to our 40 we will be able to rebate into the faculty salary pool over \$3 million. We had no foreign program in 1952; we have 11 today. We had about 1,000 pieces of art in 1952, and our gallery was worth a million dollars. We have over 6,000 pieces today, worth more than \$10 million. I think I am correct in saying that we have one of the ten best galleries at universities in the United States, and with the new building underway in a few months I think we will have a major advance in the area of art at this university.

We had almost no University Press in 1952; today we have a backlist of over 500 publications, and we are publishing about 35 titles annually. Also, I think we are actually very close to making money, enabling the university subsidy perhaps to cease in the near future. I should like to note that we had no honorary fraternities 25 years ago, but have today 13 honorary fraternities, including Phi Beta Kappa.

We have received in the last 25 years over \$150 million in gifts. We have received over \$96 million in government research funds. We have managed to grow, as I mentioned earlier, in our alumni from 20,000 to 60,000, and our alumni clubs now number 173 all over this world.

I should like to say that while these figures are quantitative measurements, there is a list of people that I would also like to mention because I'm deeply indebted to them for the leadership they have given to this University. I am here speaking of deans Baldinger, Waldman and Rossini in science; Schoenherr, Goglia, Gay, Saxe and Hogan in Engineering; Sheedy, Crosson and Charles in arts and letters; McCarthy, Sullivan, Murphy, Kobayashi and Ryan in business administration and O'Meara, Lawless, Shaffer, Murphy and Link in law. The Freshman Year, Burke and Hofman; the Graduate School, Father Beichner for 19 years; in the research area, Rossini and Gordon. Other names you know--Moore, Soleta, Walsh, Burtchaell, and in the Student Affairs area, Norton, Bernard, McCarragher, Faccenda and Just. It is people like these who have made this place grow and prosper. It is people like these who with the dedication and the clarity of their lives have somehow made this a special place. If tonight my heart overflows a bit in looking over all of you and over this place beyond the curtains, I have to say that we have indeed been blessed. We are moving onward and upward, "arriva adelante" as they say in Mexico. Yet the past is truly prologue because we have much still to do.

Because I have so few opportunities to speak to all of you together, I should now like to touch very briefly on the Campaign for Notre Dame. I really believe that we are not just going to meet the goal of \$130 million, some \$92 million of which will be endowment. I feel as I move around the country that people are increasingly thinking that Notre Dame is a place in which they want to invest. This is a place in which they believe; this is a place that is not only excellent as a university but also excellent in teaching values that motivate the kinds of people who will improve quality of life in this country and in this world. There is nothing I hate more than raising money, and I guess there is nothing in this world that has taken more of my time. Yet I like to believe that we are approaching a point where we will be able to create resources necessary to make this University the foremost Catholic university in the world.

I should like also to touch briefly on a point of some interest to many within the University, as well as among our potential supporters. It seems a little out of place to even mention it tonight, and yet I have no other time in which to mention it.

Some people have asked me why I have not declared myself regarding the possibility of a faculty union at this University. I felt that to do so earlier when people were being asked to sign cards (which is their privilege and their right) would have been somewhat premature. Now that this exercise has taken place, I should really like to remove any ambiguity regarding my own position on the matter.

I honestly believe that unionization would be contrary to everything we have been trying to create here during the last quarter century. Having said that, I should like to admit frankly that we still have a long way to go, but I believe that we are headed in the right direction. I hope the success of our current campaign will put us in the forefront of endowed American universities, able to compete with the best in the world without the constant financial crises that afflict most private universities as they strive for excellence. I have to be honest with you--and I will try to be--in noting that to raise \$130 million in five years or less means that above all we must be able to convince our potential donors that we desire to be the best. I do not believe that unionization adds to that conviction, since none of the very best universities, to my knowledge, has gone that route.

I should not want to see us put ourselves in the class of institutions presently unionized, nor should I like to imply we cannot improve our present situation. I am certainly dedicated to improving confidence, morale, cooperation and mutual understanding in this University. I believe it was Tolstoy who once said that, "Happy families are generally happy for the same reason, whereas unhappy families are unhappy for a variety of reasons." I think I can understand the variety of reasons that makes some people at times unhappy here. I should like to say that many times I'm unhappy here, too, but perhaps at the risk of being an incurable optimist, I must say to you that I dream of this place becoming ever better. In fact, becoming the best, if we all try harder. Notre Dame is certainly far advanced today over what it was 25 years ago, and that happened because so many of you have tried harder. Our aspirations have been greatly enlarged. I should like to see us continue on this course. I should not like to become dead-ended in mediocrity or drab homogeneity.

I have to tell you from the heart that this is not just another place. This is Notre Dame. You have made it a very special place. I don't want to sound overly emotional or overly sentimental, but I have to say to all of you that if someone were to give us the money tonight to go out and try to recreate this place, I do not think we could do so.

It seems to me that there is something special about this place that we all belong to and build each day. There is something in the geography of the location in which we are. There is something about the blessing of Our Lady which I cherish and I am sure you do, too. There is something about the dedication, the generosity, the quality of people who have consistently served this place to the point where we have the opportunity of creating something which has never really existed since the 13th century, when a group of people got together to create institutions like Paris, Bologna, Oxford, Cambridge, Salamanca and Coimbra.

I think we are going to recreate that reality here on the flats of northern Indiana. There is no question that all around the country and all around the world Notre Dame is looked upon as a place that is moving quickly toward greatness. I think that each one of you is a part of this greatness, and I think together we can make this a place in which the truth is sought with sincerity and honesty and mutual care and interest and love, a place where values are not just nurtured and preached but also practiced.

A truly great university creates greatness in the lives of its young people and in so doing creates in each of us a splendor far beyond our dreams. I have no words to thank you for all that you have done to create what exists here today. The last thing in the world I want to have happen as we celebrate these 25 years is to become personal about it, because this place transcends the personal. The grace that settles on this place and fructifies it goes far beyond the acts of any dean or any faculty member. The challenge that faces us is to continue to create the best here, and with your help and dedication I am sure we will do just that.

## Reinhold Niebuhr Award

The quality of life in our country has been enhanced by the sincere and spontaneous effort of many volunteers, individual citizens who work tirelessly to promote some aspect of the common good.

The man and woman we honor tonight with the fifth Reinhold Niebuhr Award have given their hearts, in addition to most of their spare time, to the promotion of spiritual values in our youth. In the 37 years they have lived in our University community, they have raised four children of their own, served as foster parents to six infants and one adolescent from Catholic Social Services, directed the activities of the Christian Family Movement in its formative years, and have served in 12 capacities during their involvement in scouting.

Their home parish of St. Joseph's has been enriched by their organizational work in the PTA program, Social Justice Commission, Parish Council and the CCD activities. She presently serves as chairwoman of the United Religious Community Task Force on Juvenile Justice and Penal Reform while he directs the task force on neighborhood associations and serves as president of the Northeast Neighborhood Council. As an associate professor of electrical engineering, he also serves on the Academic Council and the Faculty Senate.

For their unselfish contribution of time and talents, the University of Notre Dame is proud to name Arlene and Arthur Quigley as the 1977 recipients of the Niebuhr Award.

Arlene and Arthur Quigley

## Faculty Award

The 1977 Faculty Award honors one of the College of Science's most devoted members. In a career at Notre Dame that spans 30 plus years, he has served his alma mater admirably in multiple areas. His teaching excellence has been an inspiration to young faculty who, recognizing professionalism in the classroom, have been guided by his example to perfect their own teaching techniques. His scholarly research--singlely and with colleagues--over the years has matched the brilliance of his teaching.

Since March 1, 1975, he has chaired a distinguished department and directed its progress with steady and positive leadership, winning in the process the respect of his colleagues and of the administration.

Apart from his proven talent as teacher, scholar and administrator, he will also be long remembered by generations of Notre Dame students as the single, most positive force behind the establishment of the Notre Dame Honor Code. By unanimous vote of a committee composed of former Faculty Award winners, this year's recipient is:

Walter C. Miller

## Madden Award

Since his arrival in the Fall of 1973 from our arch-rival, Southern California, over 2,000 Notre Dame freshmen have witnessed his intelligence, style and wit in Introductory Psychology. This master lecturer has worked diligently to improve his teaching methods while instructing large sections of freshmen for eight consecutive semesters.

Although his freshmen courses typically number 140 students, his comprehensive grasp of psychology and his concern for students as individuals enable him to break the barrier of class size and communicate personally with students. Frequently, he arranges laboratory demonstrations and review sessions outside of regular classes to stimulate, motivate and enrich. Students invariably comment that his personal style makes learning enjoyable and meaningful. Finally, a mature perspective on his discipline results in a balanced presentation of psychology--as both a science and an art. This perspective has proven useful to Notre Dame students as they integrate psychology with other courses and develop career aspirations.

For achieving excellence in the teaching of freshmen, Donald Kline of the Department of Psychology is this year's Thomas P. Madden Award winner.

Donald Kline

## Farley Award

The recipient of the 1977 "Pop" Farley Award was born in S. Giuseppe Jato, Italy, and at the age of four emigrated with his parents to Oswego, New York. After graduating from Notre Dame in 1947, he entered Rome's Gregorian University for a degree in theology. In 1963, he received a doctorate in theology from the Catholic University, Washington, D.C. Since his ordination, with the exception of two years when he taught at the University of Portland, all of his years of teaching have been spent at Notre Dame.

He has also developed a special teaching ability in the residential hall life that is the backbone of the Notre Dame spirit and family. As prefect in St. Edward's Hall and Farley Hall, and as rector of Stanford Hall and, since 1964 of Cavanaugh Hall, he has guided young men by priestly counsel, disciplined them by tempered kindness, and directed those entrusted to his care with a warmth that has made every student a better person for having known him.

We are pleased to present the first "Pop" Farley Award to the "Dean of the Rectors" of the University of Notre Dame.

The Reverend Matthew M. Miceli, C.S.C.

## Presidential Citations

Cardinal Newman's definition of a gentleman as "one who never knowingly would inflict pain" comes remarkably close to describing the person now to be honored. Gracious and considerate in his relationships with students and with colleagues, he epitomizes the art of working at ease with people, an art that he has actually made a way of life.

However, lest we be lulled by this gentle man's gentle manner, one hastens to add that he possesses a tenacity to drive through to completion a major educational project once begun. As the M.B.A. Program's only director, he more than any other single person has guided this program from its very beginnings on the drafting board, through earliest acceptance by the national accrediting agency, to its present standing as one of the strong graduate business programs in this country. Our heartiest congratulations to this gentle man's noteworthy accomplishment.

John R. Malone

Twenty-nine years ago this fall, a master of the liberal arts came to town and founded a program to teach the great books, or better, to assist those books in introducing young persons to the "great conversation" of our civilization. It is safe to say that none of the works of the mind are alien to him, and few of the works of the hands. He taught those of us who have been his colleagues that the Logos comes to birth less in soliloquy than in dialogue; that a genuine community of learning is still possible within the "education industry"; and that faith seeking understanding provides the widest of all horizons in which the heart questions itself. Cum humanitate et doctrina, with humanity and learning, he has lived beside us, and now he leaves to build with his own hands (and a newly-acquired radial saw) a house in the woods of southern Indiana; to grow grapes and (with a newly-acquired wine press) to make wine. Knowing this man as a branch of the True Vine, we are sure that what he brings forth will not be vin ordinaire, but extraordinaire.

Otto Bird

To be cited now is one who is slowly becoming a Notre Dame legend in his own time. Responsible for that shroud of gloom that descends over the campus on what freshmen call "Black Thursdays", preceding his Friday morning chemistry quizzes, he nevertheless teaches with such brilliance that he garnered wide freshman support back in 1963 to be the first recipient of the Madden Teaching Award. Each year, over one half of the freshman class takes Chemistry 115-116; no other professor in this University's history has ever taught so many students quite so well.

But teaching is only one of his strengths. He also manages to direct with high efficiency and a warm friendliness the Freshman Year of Studies. His tutoring and self help programs have cut failure to a minimum; his counseling program, ever available, offers maximum guidance to freshmen learning to move with confidence through their initial year at Notre Dame.

To lend variety to the Freshman Year, he has initiated for his students trips to Chicago museums, to the Indiana Dunes and to ski spots. There are fall hayrides and football weekend breakfasts for freshmen, their parents and faculty. His Welcome Mass and picnic at Freshman Orientation are fast becoming Notre Dame traditions.

At the ring of the phone, he will accept a student invitation to speak to a group in the Flanner Lounge on the Big Band Era or write an article for The Observer on "Places to Eat in Michiana."

Our honoree is a brilliant teacher, a highly capable administrator, and he is "always available" to the freshmen he loves so well. He is, as I suspect you already know,

Emil T. Hofman

# Minutes of the Committee on Research and Sponsored Programs May 3, 1977

Date: May 3, 1977

Place: Room 202, Center for Continuing Education

## Attendance:

Thomas J. Mueller  
Edward Manier  
Francis M. Kobayashi  
Robert E. Burns (for Isabel Charles)  
William B. Berry  
David C. Leege  
Thomas S. Fern  
Cornelius P. Browne  
Thomas Schlereth  
Bobby J. Farrow  
George A. Brinkley  
Edward R. Trubac  
John W. Houck  
James P. Kohn

## Absent:

Morris Pollard  
Thomas F. Broden  
Charles F. Crutchfield  
James L. Melsa  
Robert E. Gordon  
John W. Mihelich  
John J. Kennedy  
Louis Pierce  
Bernard Waldman  
James T. Burtchael, C.S.C.

## Observers:

Chau T.M. Le  
L. Franklin Long  
J. Michael Pinter  
Justin A. Soleta

### 1. Minutes of the meeting held on March 8, 1977:

The meeting was convened by Francis Kobayashi, substituting for the regular chairman, John Mihelich, who was indisposed by illness. There being no corrections, the minutes were approved.

Kobayashi indicated that the minutes will be published in the Notre Dame Report beginning retroactively with the January 25 meeting.

### 2. Report of the Nominating Committee and Election of Officers:

James Kohn, chairman of the Nominating Sub-Committee, described the selection of the slate of officers for next year. The slate included the following:

1. James L. Melsa, chairman
2. Charles Crutchfield, vice chairman
3. Edward Trubac, secretary

Trubac advised the committee that he will be on leave next semester and will not be able to serve. Accordingly, the secretary will be chosen at the first meeting of the fall 1977-78 semester. Melsa and Crutchfield will be chairman and vice chairman, respectively.

Three at-large members will be chosen in a University-wide election. The six candidates are:

1. Bobby Farrow
2. Walter Johnson
3. Albin Szewczyk
4. Edward Kline
5. James B. Stewart
6. Anthony Trozzolo

Ballots for the three at-large members are arriving in the Office of Research and Sponsored Programs. They will be tabulated as soon as possible and the results relayed to the members of the committee.

### 3. Center for the Study of Man in Contemporary Society - Prof. David Leege:

Leege presented a discussion of some of the problems encountered in developing organized and sponsored research programs in the social sciences and humanities by tracing the development of the Center for the Study of Man since 1961 and outlining current reorganizations and future plans.

The center's first period from 1961-69 was under the direction of George N. Shuster. The center was organized to further the "second track," i.e., to attain the excellence in research and graduate training that characterized undergraduate instruction in the humanities and social sciences at Notre Dame. It was a period characterized by considerable success

in attracting resources from the major private foundations, even to the point where resources exceeded the local supply of trained researchers and some work was done on subcontract with scholars at other institutions. Numerous publications and reports emerged, probably the best known being the Carnegie-supported studies of Catholic educational systems. Several successful activities were spun off into other institutes, centers, or programs. The organizational structure was fluid and project-centered.

Since 1970, the center has, for a variety of reasons, had five directors, acting directors, or receivers. In the later period, the center was brought under the direct oversight of the College of Arts and Letters for a time. During the period the educational research program was discontinued, considerable turnover occurred in key departments that were heavily involved with the center, e.g., sociology, and both federal and private foundation funding were tightly constricted. The project-centered organizational structure persisted and, in one sense, it could be said that the center, beyond the research interests of its director, was a land-holding corporation that rewarded individual entrepreneurship. However, several important activities continued or developed. The Social Science Training and Research Laboratory offered a wide range of research and teaching services to academic and other clientele, including graduate training on NIMH traineeships. The O'Brien Fund provided "seed money" for many scholars to get an initial handle on a research problem; these awards have proven highly successful, as attested by the extensive scholarly publications and external funding eventuating from them; the O'Brien Fund was depleted in 1976. Finally, the center became known as a place where faculty from the College of Arts and Letters and other colleges could receive advice on the writing of proposals and on attracting external support.

The current reorganization began when Legee moved to the center directorship from the National Science Foundation in August 1976. The center, as a University institution, is cross-collegiate and answers to the provost, but gives primary attention to the research interests and graduate training needs of the College of Arts and Letters. It has both regularly budgeted funds, two-thirds of which support the Social Science Lab, and a small developmental account dedicated to developing externally funded programs. The center will utilize a section program project structure in an effort to provide greater opportunity in the planning and administration of research. Such a structure also offers more opportunity for interaction among scholars operating in overlapping fields, and shows to external funding agencies evidence of the necessary infrastructure for research. It also generates greater accountability in fiscal and personnel performance while still assuring program autonomy. The center is also seeking a closer linkage between its research program and departmental graduate training through project apprenticeships.

Efforts to assist faculty in proposal development have been extensive in 1976-77. The coordinator of Faculty Research and Sponsored Programs has edited a Grants Manual which has had widespread campus distribution. A grants browsing room has been opened in Memorial Library 1121. Assistance has been offered on 95 proposals and a total of over \$300,000 in external support has been generated. Development money has been or will be used for released-time faculty appointments, conferences, graduate assistants on CAI projects, and travel for purposes of raising external funds.

On the training front, a cross-collegiate Working Committee on Applied Statistics has been created to advise on the statistical and computer application needs of the basic and applied social and behavioral sciences. Working with the five social and behavioral sciences departments in arts and letters, the lab will inaugurate in 1977-78 a modular statistics training program for graduate students. Common instruction will be provided by faculty from several departments with laboratory exercises on customized data sets drawn from the student's own academic discipline. The committee is also developing a preliminary outline of an undergraduate collegiate sequence in statistics, computer applications, and research methods. In 1977-78, the lab will establish a Social Science Data Archive aimed at the current teaching and research thrusts of departmental graduate programs. In addition to data supplied by the Inter-University Consortium for Political and Social Research, the archive will seek machine-readable data in such fields as comparative family studies, development, labor economics, quantitative history, medical sociology, gerontology, etc.

The center has reinstated its colloquium series and intends to expand it. It hopes to develop several working-paper publication series and is coordinating some publication outlets through Notre Dame Press. The center currently serves as the administrative home for the Center for the Study of American Catholicism. Finally, the center is exploring faculty and graduate student exchange programs with a similarly developed western European university.

While the reorganization continues, some structural problems will need to be resolved. One set of problems concerns personnel appointments, the usage of Special Research Faculty appointments for faculty on released time, and problems of fiscal and personnel accountability. Another set of questions concerns the long-term administrative location of the center--

its relationship to the provost's office, the College of Arts and Letters, and the Office of Advanced Studies. Finally, there are problems involved in developing an accurate statement of organizational impact, ranging from credit for fund-raising to the physical location of cross-disciplinary projects.

4. The Indiana Committee for the Humanities: A Discussion - Prof. Thomas Schlereth:

Schlereth has been appointed a member of the Indiana Committee for the Humanities, and since early 1977 has attended two meetings.

ICH is planning an important meeting this summer which will determine policy guidelines and funding priorities. Indications are that there will be some significant deviations from past practice. There exists a possibility of expanding and diversifying the guidelines to include publications, exhibitions, displays, and expanding the types of groups which can participate.

ICH is a 23-member organization, including members from the following sectors:

1. Academic humanists
2. Academic administrators
3. Community members

The committee meets every two months to review proposals. Proposals must be strongly oriented in the humanities. Some of the chief criteria are:

1. Establish framework of public policy issues. For example, provide for public discussions, conferences, seminars and, very importantly, audience participation.
2. Orienting toward out-of-school adult audience.
3. Evaluation component.

Present funding priorities include:

1. Strong humanities content. Interdisciplinary proposals are preferred.
2. Directing toward an audience that is not normally exposed to the humanities.
3. Co-sponsorship by several institutions.
4. Video-taping of the program so that the components can be shown throughout the state and used in the future.

Grants are normally small, about \$2,000. However, there are indications that amounts will increase. For example, Indiana University recently received an award of \$43,000.

At present ICH does not fund the following:

1. Children and students already enrolled in an institution of learning
2. Art performances
3. Advocacy discussions
4. Research
5. Credit courses
6. Publications
7. Equipment

Robert Burns, past member of ICH, said that the required 50 per cent matching funds are somewhat unreal, inasmuch as they need not be made in hard dollars, but an in-kind contribution. Schlereth said that the committee is now taking a much more careful, stringent look at proposals and examining budgets in detail.

ICH currently has a total of \$750,000 in grant funds. Burns stated that during the first two or three years Notre Dame and the Northern Indiana region have received the bulk of the awards. Since then, however, awards to Notre Dame have dropped to zero. One reason for this is the University's policy on honoraria.

Kobayashi advised the committee that University policy precludes payment of honoraria during the academic year to faculty members from projects supported from within the University. Honoraria from externally supported projects are permissible. A number of comments were made that this policy discourages submission of proposals to ICH.

Several alternatives were proposed:

1. Release time; however, this does not solve the honorarium problem.
2. Create an entity outside the University to receive the grant. This involves the problem of conflict of interest.

3. Other schools permit honoraria in the amount of 10 per cent of regular academic commitments; for example, three days a month. The question was asked: Why can't Notre Dame adopt a similar policy?

4. The present policy limits honoraria to externally funded programs and should be re-evaluated to consider an upper limit of 10 per cent of existing salary.

Edward Manier suggested that this become a major item of discussion during the next year.

5. Remarks of the Assistant Vice President for Advanced Studies - Francis Kobayashi:

A. Status of proposals submitted and awards received

As of the end of April, total awards received numbered 138 for a total of \$6,722,220. This total exceeds the amounts received for the same periods for two previous years. Considering the awards received in the last few days, the University has already exceeded the total of \$6.76 million for fiscal year 1976. If the current rate of awards received is maintained, the projected goal of \$7.1 to \$7.2 million for fiscal year 1977 will be exceeded.

But the proposals submitted picture is not as bright. Last year, the University submitted a total of 261 proposals for a total of \$15,724,108. This is a very respectable level in both numbers and dollars for the University. This level must be maintained and even exceeded if the University is to maintain a rising trend in the award level. There is concern to maintain a rising trend because the higher the award level, the more relief for the University. But at our current rate of submission, the levels of the last two years will not be attained. Despite our excellent success rate, the declining proposal pressure means declining award levels in subsequent years and subsequent greater demands on University resources.

B. Indirect cost rate

The indirect cost rates for sponsored programs is of concern to the University administration as well as to the faculty; concerns about the level of the rate, method of calculation, etc. Our office is mindful of these concerns. From time to time we will distribute relevant publications on indirect costs for your information. Toward this end you will find before you a recent publication on indirect costs issued by the National Association of College and University Business Officers. It describes in detail the serious "shortfall" experienced by institutions of higher education when it participates in sponsored program activity.

C. Lead time for the processing of proposals

The established and published procedures for our office call for proposals to reach our office 10 working days prior to any agency due date. This lead time is necessary for a complete review of proposals. It may appear a bit unreasonable to some, but there are some institutions which require a month's lead time. Very few proposals meet our internal requirement of 10 working days. Many come in a few days before a due date. When this occurs, everyone in our office "scrambles" to meet the due date. Thus far, we haven't had too many rejections because of late proposals, but one of these days, because of the mail situation, a very important proposal is going to be late and we will be faced with all sorts of unpleasantness. Further, because of the rush, an important consideration in a proposal is apt to be overlooked. Our office cannot take the responsibility for proposals not meeting agency due dates if proposals are not submitted to our office with sufficient lead time. We urge you to inform your colleagues to give our office as much lead time as possible.

D. Personnel problems

a. Staff on sponsored programs

Periodically our accounting office distributes forms for reporting time and effort for staff employees working on grants and contracts, e.g., secretaries, technicians, etc. The selection of individuals to complete the form is on a random basis. These records are subject to review by DCAA auditors. If the employee status form records a certain percentage of time to be devoted to a project, the time and effort report should reflect a like percentage. Otherwise, a disallowance could occur. And, you are reminded that if such a disallowance should occur, University policy stipulates that the department involved be responsible for the disallowance.

b. Vacation time

If a faculty member is paid for three summer months on a grant or contract, the expectation is that he or she will be working full time for three months without vacation time. Employment records are subject to audit and if faculty members are on vacation when they are supposed to be working full time, auditors will declare disallowances. Again, you are reminded about the University's policy on disallowances.

#### E. Biohazard committee

We continue to monitor federal regulations concerning biohazards. Much recent publicity vis-a-vis biohazards concerns DNA research. Since there is no DNA work going on at the University, as far as we know, and since there doesn't appear to be a specific mandate to form a biohazard committee, we are reluctant to do so because of the potential for tremendous committee work. Until there is a mandate to form such a committee we will depend on the good judgment of faculty. There is no substitute for the sound judgment of good people.

#### 6. Other Business:

Manier asked the committee to consider the University policy concerning faculty leaves of absence. His proposition was that the current policy needed revision because in some instances it caused hardship for the one going on leave. It was submitted that the Campaign for Notre Dame does not list an endowment for a leave program. Kobayashi explained that several members stated that because of the decrease in salary under some circumstances faculty members cannot afford a leave. For example, if they expect to spend time away from the campus, relocation of their families for this period entails extra expenses for which they are not compensated.

In general, it was agreed that the policy is vague and needs clarification. It was suggested that the chairman consider this a primary item for a future meeting, since this committee would seem to be a natural outlet for such a program.

Justin A. Soleta  
Acting Secretary for James Melsa

## Notice

The committee appointed by Father Burtchae11 in November of 1976 charged with the responsibility of reviewing Robert Gordon's service as Vice-President for Advanced Studies completed its work in the spring semester and submitted its report to the provost of the University in April. The committee wishes to take this occasion to express its thanks to those who cooperated in our review and assisted us in reaching our conclusions.

Review Committee Members  
William Davisson  
Nicholas Fiore  
Philip Gleason (Chairman)  
Marilyn Lawson  
Thomas Shaffer  
K.T. Yang

## Faculty Senate Election Results

#### Officers of the Senate for 1977-78:

Chairman:	Paul F. Conway
Vice-Chairman:	Sarah Daugherty
Secretary:	Kenneth Goodpaster
Treasurer:	Bobby Farrow

#### Chairmen of Senate's Standing Committees for 1977-78:

Administration:	James P. Dougherty
Faculty:	Katharina J. Blackstead
Students:	Claude Pomerleau, C.S.C.

#### Student Life Council for 1977-79:

Sophie M. Korczyk  
Albert LeMay

#### Faculty Affairs Committee of Board of Trustees for 1977-80:

Thomas R. Swartz  
Paul F. Conway  
James P. Danehy

# Faculty Promotions

## To Emeritus

Robert L. Anthony, physics  
Rev. John C. Burke, C.S.C.,  
mathematics  
Carvel Collins, English  
James P. Danehy, chemistry  
John J. Fitzgerald, philosophy  
Leroy D. Graves, civil engineering  
Rev. G. Carl Hager, C.S.C., music  
Herbert L. Johnston, philosophy  
Francesco Montana, architecture  
Francis R. Maxwell, audio visual  
John A. Oesterle, philosophy  
Marshall T. Smelser, history  
Ray Stuermer, architecture

## To Professor

Nripendra N. Biswas, physics  
Rev. David B. Burrell, C.S.C.,  
philosophy  
Francis J. Castellino, chemistry  
Klaus Lanzinger, modern and  
classical languages  
Rev. Marvin R. O'Connell, history  
Kok-Wee Phan, mathematics  
Brian Smyth, mathematics  
A. Peter Walshe, government  
and international studies  
John H. Yoder, theology

## To Associate Professor

Peter R. Moody, Jr., government  
and international studies  
Howard P. Lanser, finance  
Bernard Dobranski, law school  
Francis X. Connolly, mathematics  
Charles F. Crutchfield, law school  
Jay P. Dolan, history  
Kenneth W. Milani, accountancy  
Thomas J. Schlereth, American studie  
Arvind Varma, chemical engineering

## To Assistant Professor

Wendy Carlton, sociology and  
anthropology  
Sean V. Golden, English  
Donald F. Meinheit, civil  
engineering  
Rev. George Minamiki, modern and  
classical languages

Joseph G. Rushton, Jr., art  
Syed Shahabuddin, management  
James B. Stewart, economics  
Terry W. Strum, civil engineering

## To Faculty Fellow

Edgar D. Berners, physics

## To Assistant Faculty Fellow

James M. Bishop, physics

## To Assistant Professional Specialist

Joseph P. Pianne, physical education

## To Associate Librarian

Charlotte A. Ames

## To Assistant Librarian

Susan D. Baldwin  
Stephen M. Hayes  
Michael E. Unsworth

## Twenty-Five Years of Service 1952-1977

Peter T. Brady, accountancy  
James L. Cullather, accountancy  
James E. Houghton, aerospace and mechanical  
engineering  
Eugene J. Leahy, music  
John R. Malone, marketing  
Rev. Thomas J. McDonagh, C.S.C., economics  
Rev. Edward D. O'Connor, C.S.C., theology  
Michael Delich, aerospace and mechanical  
engineering  
Bernard P. Norling, history

## Receiving Tenure

Robert L. Irvine, civil engineering  
Rev. Edward J. Kilmartin, S.J., theology  
James H. Seckinger, law school

# Financial Aid for Undergraduate Students, 1975-76 and 1976-77

Type of Aid Provided	Academic year 1975-76 Summary			Academic year 1976-77 Summary		
	No. of Students	Average Award	Total Amount	No. of Students	Average Award	Total Amount
SCHOLARSHIPS-UNIVERSITY ADMINISTERED						
From Endowed Funds of University	766	1,167	893,561	779	1,205	938,682
From Current Contri- butions	183	1,154	211,225	210	1,213	254,721
Total	949	1,164	1,104,786	989	1,207	1,193,403
OUTSIDE SCHOLARSHIPS						
State Scholarships Received	518	1,265	655,231	513	1,258	645,105
Brought to Univer- sity-Variou	447	901	402,798	480	927	445,017
Total	965	1,096	1,058,029	993	1,098	1,090,122
Total Regular Scholar- ships	1,914	1,130	2,162,815	1,982	1,152	2,283,525
ROTC AWARDS						
Air Force	63	2,951	185,942	58	3,256	188,842
Army	136	2,955	401,830	123	3,252	400,036
Navy	188	2,877	540,933	187	3,172	593,171
Total	387	2,917	1,128,705	368	3,212	1,182,049
TOTAL ALL SCHOLARSHIPS	2,301	1,430	3,291,520	2,350	1,475	3,465,574
GRANTS-IN-AID, REMISSIONS, ETC.	490	2,872	1,407,345	495	3,068	1,518,697
UNIVERSITY PART-TIME EMPLOYMENT	1,293	605	781,369	1,524	641	978,263
TOTAL	4,084	1,342	5,480,234	4,369	1,365	5,962,534
FEDERAL ASSISTANCE PROGRAMS						
National Direct Student Loans	829	907	751,900	906	897	812,625
Basic Educational Opportunity Grants	302	843	254,651	429	877	376,042
Supplemental Educational Opportunity Grants	138	858	118,400	129	809	104,350
College Work-Study (Federal %)	77	668	41,140	87	558	48,522
Total	1,346	866	1,166,091	1,551	865	1,341,539
OTHER LOAN ASSISTANCE						
Guaranteed Loans	922	1,631	1,503,556	920	1,698	1,562,223
Various Other Loans	113	1,553	175,450	135	1,607	216,990
Total	1,035	1,622	1,679,006	1,055	1,686	1,779,213
GRAND TOTALS	6,465	1,288	8,325,331	6,975	1,303	9,083,286
Unduplicated no. of Students Aided	4,266			5,006		
Unduplicated Average Aid Provided		1,951			1,815	
Total Undergraduate Enrollment	6,846			6,782		
Percentage of Under- graduates Aided		62.3%			64%	

# Financial Aid for Freshman Students, 1975-76 and 1976-77

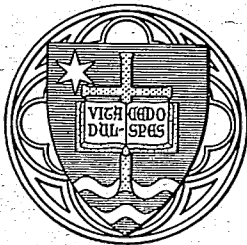
Type of Aid Provided	Academic year 1975-76 Summary			Academic year 1976-77 Summary		
	No. of Students	Average Award	Total Amount	No. of Students	Average Award	Total Amount
SCHOLARSHIPS-UNIVERSITY ADMINISTERED						
Endowed Funds of the University	184	1,210	222,576	157	1,277	200,492
Current Contributions	44	1,202	52,900	48	1,642	78,800
Total	228	1,208	275,476	205	1,362	279,292
OUTSIDE SCHOLARSHIPS						
State Scholarships Received	121	1,397	169,025	116	1,315	152,488
Brought to University Various	130	653	84,951	156	752	117,348
Total	251	1,012	253,976	272	992	269,836
Total Regular Scholar- ships	479	1,105	529,452	477	1,151	549,128
ROTC AWARDS	143	2,986	427,043	97	3,269	317,099
Total all Scholar- ships	622	1,538	956,495	574	1,509	866,227
GRANTS-IN-AID, SERVICE CREDITS, TUITION REMISSIONS, ETC.						
	107	3,214	343,933	106	3,398	360,228
UNIVERSITY PART-TIME EMPLOYMENT						
	49	698	34,211	95	543	51,572
Total	778	1,715	1,334,639	775	1,649	1,278,027
FEDERAL ASSISTANCE PROGRAMS						
National Direct Student Loan	247	902	222,900	281	915	257,250
Educational Oppor- tunity Grant	36	858	30,900	38	859	32,650
College Work-Study Program (80%)	3	662	1,987	16	512	8,190
Regular Term Program	87	778	67,678	95	781	74,208
Basic Grant	373	867	323,465	430	865	372,298
Total						
OTHER LOAN ASSISTANCE						
State Guaranteed Loans	205	1,581	324,129	208	1,635	340,188
GRAND TOTALS	1,356	1,462	1,982,233	1,413	1,409	1,990,513
Unduplicated No. of Students Aided						
	883			848		
Unduplicated Average Aid Provided						
		2,245			2,347	
Total Enrollment of Freshman Class						
	1,642			1,684		
Percentage of Fresh- man Class Aided						
		53.0%			50.0%	

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## notre dame report



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Valerie Zurblis, Editor  
Printing and Publications Office, 415 Administration Building  
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