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Mgr. John J. Egan, special assistant to the president, was a co-sponsor of a conference on Ethics and Energy, March 31-April 1 at the Hayes-Healy building.

Richard W. Fessenden, professor of chemistry and senior scientist in the Radiation Laboratory, presented a paper entitled "A Time-Resolved ESR Study of the Oxidation of Ascorbic Acid by Hydroxyl Radical" at the Biophysical Discussion of Fast Reactions held at Arlie, Va., April 3-5.

Mim Sparks Field, part-time lecturer in speech and drama, choreographed the music for an original ballet, "Take, Thyme, and Toggle" danced by members of the ND-SMC Theater Dance Ensemble March 10 and 11.

James Gaertner, and David Ricchiute, assistant professors of accountancy, presented a paper titled "Historical Perspectives and Future Directions of Accounting: Some Observations," at the Midwest Regional meetings of the American Accounting Association held on April 6 in Chicago.

Moira Marti Geoffrion, assistant professor of art, had a group exhibition show April 1 at the Fort Wayne Art Museum; lectured on "Traditional American Indian and African Art: Decorative Motifs" April 7 for the Mishawaka Women's Club in Mishawaka; had an opening of a two-person exhibit at the Pottery Etc. Gallery, Feb. 10 in Chesterton, Ind.; and had an exhibit of sculptures and weavings April 7 in Chesterton, Ind.

Animesh Ghoshal, assistant professor of finance, was an invited participant at the Steel Industry Economics Seminar held in Evanston, Ill., March 20-22.

John Halloran, assistant professor of finance, presented a paper titled "Mortgage Risk in a Portfolio Theory Context" at the meetings of the Midwest Finance Association held in Chicago, April 6-8.

Rev. Theodore M. Hesburgh, C.S.C., President of the University, appeared on Chicago's WTTW "John Callaway Interviews" television program on March 28 and 30.

David Clark Isele, assistant professor of music, conducted the Notre Dame Glee Club on concert tour of the southeast over spring break. The choral ensemble premiered two arrangements of Irish folk tunes and an original work entitled "Sanctus."

M.G. Katona, associate professor of civil engineering, lectured at the School of Civil Engineering, Purdue University, March 31, on "Finite Element Analysis of Long-Span Buried Structures."

Lloyd H. Ketchum, Jr., assistant professor of civil engineering, presented a paper titled "Overland Flow Treatment of Dual Processing Wastewater in a Cold Climate" at the Ninth National Symposium of Food Processing Wastes held in Denver, Colo., March 29-31.

Charles F. Kulpa, Jr., assistant professor of microbiology, delivered a seminar entitled "Fluorescent Probe Studies of Eucaryotic and Procaroytic Cells" at Indiana University Medical School in Indianapolis on March 22.

John M. Lucey, associate professor of aerospace and mechanical engineering, lectured on "Ethics of Energy Production: The Technological Alternatives" with V.P. Kenney, professor of physics, at the Notre Dame Conference on Christian Ethics and Energy on April 1 at the Continuing Education Center.

John Malone, professor of marketing, conducted a seminar titled "Cash Planning" at a Amusement and Music Operators Association of America conference on March 3 and 4 in Chicago. He also gave a paper titled "The Plant Operator as the Client's Marketing and Advertising Consultant" to the Outdoor Advertising Association of America seminar on March 13 at the Center for Continuing Education.

Edward Mayo, associate professor of marketing, appeared as an expert witness before the Committee on Ways and Means of the U.S. House of Representatives on March 20 on business travel and entertainment provisions of President Jimmy Carter's 1978 Tax Program.

Kenneth Milani and James Wittenbach, associate professors of accountancy, conducted a seminar at the Center for Continuing Education, on March 15, 22 and 29, entitled "The Impact of Federal Income Taxes on Business Decisions."

Bro. Leo V. Ryan, C.S.V., dean of the College of Business Administration, served as one of five round table discussion leaders on "The Ethics of Cooperative Conduct" for the 20th Annual American Assembly Conference at the U.S. Air Force Academy in Colorado Springs from March 14-18. He presented an address titled "Business Ethics--The Membership and Role of Boards of Directors" at the Second Annual National Conference on Business Ethics held at Bentley College in Waltham, Mass., on April 7. The dean also delivered the keynote address at the Symposium on Business Ethics at Seton Hall University, March 9 on "Business Ethics, Decision Making and Corporate Social Response." Later that day he served on a panel discussing "Ethics and the Future: The Role of Social Justice."

Ernest Sandeen, professor emeritus of English, discussed "Emerson and the Transcendental Metaphor" on April 4; "Thoreau and the Transcendental Metaphor" on April 5; and read poetry on April 6 at Notre Dame.
Meredith Scovill, assistant professor of economics, chaired a session on Special Security Disability Research at a workshop on Policy Analysis with Social Security Research Files sponsored by NBER and Social Security Administration in Williamsburg, Va., March 15-17. She also delivered a paper entitled "Using Systems Dynamics to Model the Social Security System," co-authored with Lawrence Marsh, assistant professor of economics.

John H. Seckinger, associate professor of law, directed a trial advocacy workshop at the Institute for Continuing Legal Education in Detroit, Mich., March 16-18.

Yu-ming Shaw, assistant professor of history, delivered a paper entitled "A Critical Review of American Policy toward China in the Twentieth Century," at the founding meeting of the Sun Yat-sen Institute, held on March 12 in Chicago. He also delivered a lecture entitled "U.S. and the Tangle of Two Chinas," to the International Student Organization of Notre Dame on April 11 at Notre Dame.

James P. Sterba, assistant professor of philosophy, and Janet Kourany presented a coauthored paper entitled "How to Complete the Compatibilist Account of Free Action" at the Pacific Division Meeting of the American Philosophical Association on March 23-25 in San Francisco. Professor Sterba participated at the "Growth with Equity Conference" held at Notre Dame, Feb. 24-26.

Lee A. Tavis, Smith professor of business administration, discussed "Multinational Managers and Economic Justice: The Productivity-Poverty Choices" at the Beta Gamma Sigma national seminar at Arizona State University, Tempe, Ariz., April 3-5.

Deaths

Bernard D. Cullity, 60, professor of metallurgical engineering, 1966 Outstanding Lay Faculty Award winner and 1977 Outstanding Teaching Award winner for the College of Engineering, died in South Bend on March 26.

Notes for Principal Investigators

Fulbright Awards for University Teaching and Research

June 1 is the deadline for submission of applications for Fulbright awards for university teaching and advanced research in the American republics, Australia and New Zealand, for academic year 1979-80. Contact Council for International Exchange of Scholars, Eleven DuPont Circle, Washington, D.C. 20036. Or call Paul M. Mellema 7212 or 7213.

Information Circulars

Additional information on all circulars listed below may be obtained by calling Ext. 7378, 7432, 7433.

Transportation Research Board National Research Council National Cooperative Highway Research Program

No. FY78-151

Research Project Title: "Fuel Supply Limitations and Passenger Travel".

Research Problem Statement: The future of energy supplies, particularly petroleum, is uncertain. Numerous forecasts show significant differences in the magnitude of shortfalls (if any) between supply and demand from the early 1980s up through 2000 and beyond. If such shortfalls or extended interruptions occur, personal travel is likely to be affected. Yet our knowledge of the nature of...
such a response is extremely limited. The experience of the energy crisis of 1973-1974 suggests that supplies have far more effect on transportation fuel demand than does price. But this episode was too short-lived and too small in magnitude to produce significant shifts in travel behavior, consumer budgets, activity locations, residential moves or changes in travel by different consumer groups. In short, our knowledge of the differential impacts of fuel shortages on travel (trip rate, mode, purpose and priority, destination, length, etc.) is extremely limited, as is our knowledge of likely second- and third-order impacts on consumer expenditures, distribution of impacts on different groups, settlement patterns and auto purchasing patterns. Because the nation and its cities, states and regions will continue to be faced with this problem for the foreseeable future, research is needed now to understand and forecast the nature of travel behavior under energy constraints and the key impacts of probable energy supply futures on travel, transportation investments and the economy.

Funds Available:
$110,000.

Contract Time:
Fifteen Months.

Deadline:
4:00 p.m., May 25, 1978. This is a firm deadline. Late proposals will be rejected.

Requests for the brochure, "Information and Instructions for Preparing Proposals," should be addressed to:
Administrative Engineer, NCHRP
Transportation Research Board
2101 Constitution Avenue, N.W.
Washington, D.C. 20418

Transportation Research Board
National Research Council National Cooperative Highway Research Program
No. FY78-152

Research Problem Statement, Project Number 20-17:
Multimodal freight planning, a concern of many state departments of transportation as well as other state and regional agencies, is a relatively new planning activity. There is a need for a "tool kit" of operational methodologies for analyzing policy alternatives and system investment levels. In addition, there is a need for better understanding of how economic and demographic forecasts should be related to forecasts of the supporting freight flows by mode. Research is now needed to provide operational freight forecasting techniques for use in policy, system and project planning at the state level to deal with today's issues and emerging issues. The uses of freight demand forecasts in statewide planning, the freight forecasting procedures available, the population and economic activity information necessary as input to freight forecasting procedures, the extent to which the existing procedures meet statewide planning needs and the types of new procedures required to meet these needs will be addressed.

Funds Available:
$100,000.

Contract Time:
Fifteen months.

Deadline:
4:00 p.m., May 25, 1978. This is a firm deadline. Late proposals will be rejected.

Requests for the brochure, "Information and Instructions for Preparing Proposals," should be addressed to:
Administrative Engineer, NCHRP
Transportation Research Board
2101 Constitution Avenue, N.W.
Washington, D.C. 20418

National Science Foundation
Research on Selected Topics in Science and Technology Policy
No. FY78-153

The Division of Policy Research and Analysis (PRA) of the Directorate for Scientific, Technological and International Affairs intends to provide support for research on four topics important to the analysis of certain science and technology policy issues. Research proposals should address one of these four specific topics:

1. Commercialization of Federal Civilian Research and Development
3. Technology Indices
4. The Effects of Science and Technology on Employment Conditions and Opportunities

Up to four awards, averaging four person years of effort over a two to three year period, may be made under this solicitation. There is no commitment to make any specific number of awards, however, and no awards will be made unless the quality of the proposals submitted justifies an award. Proposals should provide for two phases of work: a design and demonstration phase and a research and analysis phase. Upon selection of proposals for support, funds will be committed for the entire project, with funds released to cover the design and demonstration phase. Upon successful completion of this phase, funds will be released for the remainder of the project. It is expected that approximately 1/4 of the total award would be required for the design and demonstration phase.

PRA supports research and policy studies directed at the analysis and resolution of important Science and Technology policy issues. The four research topics have been identified by the ongoing research efforts as important areas of science and technology policy. Successful research on these topics will improve the methodological and empirical bases for analysis and will contribute to the resolution of the policy issues.

The closing date for receipt of proposals is May 15, 1978.
Transportation Research Board
National Research Council National Cooperative Highway Research Program

No. FY78-154

Research Project Title No. 12-21:
Evaluation of Damage and Methods of Repair for Prestressed Concrete Bridge Members.

Problem Area:
Bridges.

Research Problem Statement:
Prestressed concrete bridge members often are subjected to accidental damage due to vehicle impact, mishandling or fire. Methods currently used or potentially available for repair of such members need to be identified and evaluated for various levels of damage. At present, the decision to repair or replace a damaged member, and the techniques used, are determined on the basis of the inspector's or engineer's evaluation of the situation, with little published information available for guidance. To place this decision-making process on a rational basis and to enable the determination of appropriate engineering solutions for the repair of prestressed concrete bridges, it is necessary to assemble and assess information concerning the effect of repair methods on the service life, safety, performance and maintenance of the structure. Decisions on method of repair must also consider the cost, user inconvenience and esthetics. The over-all objective of this project is to provide guidance for the assessment of accidental damage to prestressed concrete bridge members and to identify, develop and evaluate the effectiveness of repair and replacement techniques. The specific objective is to synthesize available information on the subject and to identify areas in need of investigation.

Funds Available:
$60,000.

Deadline:
May 26, 1978. This is a firm deadline, and extensions are not granted.

Requests for the brochure, "Information and Instructions for Preparing Proposals," should be addressed to:
Administrative Engineer, NCHRP
Transportation Research Board
2101 Constitution Avenue, N.W.
Washington, D.C. 20418

Leukemia Society of America, Inc.
Grants for Clinicians, Basic Researchers

No. FY78-155

Types of Grants:
A five-year scholarship for $100,000 is presented to highly qualified individuals who have demonstrated their ability to conduct original scientific research bearing on leukemia and related disorders, but who have not yet attained the tenured rank of Associate Professor.

Two-year special fellowships and fellowships for $31,000 and $25,000 respectively are intended for those in the intermediate and beginning stages of career development. Regardless of category, all grantees must hold doctoral degrees and are required to concentrate on research relevant to leukemia or lymphoma.

The grants are designated, respectively, as "Scholar Program," "Special Fellow Program" and "Fellow Program."

Deadline:
October 1, 1978. Within a month following the review, which usually takes place at a special session in January, successful candidates will be notified and a contract of agreement forwarded to them, their sponsors and sponsoring institution. Funding will begin on July of the same year. Applications are being accepted now.

Applications are available from the Office of Advanced Studies, Division of Research and Sponsored Programs.

Russell Sage Foundation
Program Areas: Culture, Citizenship, Institutions and Policy Analysis

No. FY78-156

The Russell Sage Foundation conducts and supports social science research relevant to public policy issues.

Program Descriptions:

Culture

Shared values and preferences arise through the performance of simple routine activities. Russell Sage is conducting research into cultural patterns of food use because policymakers should understand these patterns as a medium of communication in the family. As women engage more fully in civic life, inevitably, the family diet will change. Moreover, people perceive their ethnic identity through distinctive food traditions. And of course, the cultural patterning of food preferences has a bearing upon nutrition. This program will seek to establish a general methodology for cross-cultural comparison of food patterns.
This is a one-year research program which will be divided into three areas of study:

A. Gastronomic categories;
B. Special topics related to gastronomic categories;
C. Alternative ways of studying cultural processes.

Citizenship

The Citizenship program was conceived as a way to both clarify our understanding of democratic citizenship and improve its practice. It will attempt to examine the importance of the citizen's role in the democratic process (for example, in the exercise of political consent and in enforcing governmental accountability), as well as the rights, duties and responsibilities of citizenship.

The initial phase of the program will concentrate on clarifying the meaning of citizenship in American democracy (its history, presuppositions, rights and duties) as well as recording empirical practices.

The second phase of the program will concentrate on projects designed to increase the quality of citizen involvement. These projects must extend beyond traditional verbal exhortations and encourage participation through concrete actions.

Both phases of the program will be concerned with the responses of leaders as well as with those of the public.

Institutions

The program in "Institutions" derives from a desire for more accurate reflection of public wishes in public policy, from a belief that institutional structures and rules have a substantial effect on the accuracy of that correspondence, and from a judgment that such factors are more deliberately manipulable than many others which also affect this relationship.

The program will focus on the shaping of public policy through three separate types of social organizations, organizations which in effect condition the ability of individual Americans to manage their own lives:

* GOVERNMENTAL INSTITUTIONS such as legislatures, elected executives, courts and public bureaucracies, which have the formal authority to establish public policy.
* MEDIATING INSTITUTIONS such as political parties, interest groups and lobbies and news organizations of all types, which continually influence public policy, even though they have no explicit authority to establish it.
* SOCIAL INSTITUTIONS such as the family, the neighborhood, the church and voluntary associations of varying sorts, which are not usually considered as policy vehicles, but which may in fact be capable of serving as an alternative to the standard bureaucratic model of policy implementation.

Policy Analysis

Different sorts of problems exist for individuals of different ages with respect to work activity and the organization of career. For young persons the crucial issues involve decisions of investment in human capital, career choice and securing entrance into a desired line of work. For older individuals, considerations of task difficulty, non-pecuniary rewards, career change options, pension plan features and phasing out of the labor market are matters of more urgent concern.

Research in recent years has focused primarily on the initial years of work experience, especially on the transition from school to the labor force. Because of the shift in age structure to an older population that our society is experiencing, Russell Sage Foundation wishes to promote research on issues of work behavior that are pertinent to the later years of work life.

Technical Policy Studies

* Alternative Energy Sources - In recent years there has been nationwide concern with the development of alternative energy sources, but there has been little formal policy concerning either planning or implementation for any of the new technologies.

* Environmental Hazards - Environmental hazards in the air we breathe or the food we eat usually come to our attention in a fragmentary way. Unfortunately, policies that deal with such problems tend to be equally fragmentary and case-specific. For example, thousands of compounds such as asbestos, poly-vinyl chloride, saccharin and fluorocarbons are suspected of having deleterious effects, but only a few have been withdrawn after conclusive testing; others are now being tested, and still others are being ignored.

* Methods of Technology Assessment - The "appropriateness" of various technologies is a topic of serious concern in technologically advanced societies. Familiar analytic tools such as benefit-cost analysis are often not adequate for assessing appropriateness. Related to the issue of appropriateness are several other questions: How does one assess the dependence of one technology on other technologies and potential hazards to society because of this dependence? Should methods of technological development, evaluation and diffusion vary in accordance with the technology? How can new tools of policy analysis be applied to new technologies?

Support:

Each of the program areas described receives support funds of up to $200,000 per year, with the exception of policy analysis, for which the total is closer to $350,000.

Deadline:

Proposals can be submitted at any time.

Lilly Endowment, Inc.

Lilly Endowment Faculty Open Fellowships

No. FY78-157

Applications for the 1979-80 Lilly Foundation Faculty Open Fellowships are available in the Office of Advanced Studies, Division of Research and Sponsored Programs, Administration Building. Although the internal deadline is mid-October, it is not too early to start thinking about applying now. The Lilly Endowment deadline is December 1.

A minimum of ten fellowships will be offered for 1979-80. The maximum for a single award is $20,000.
The Lilly Endowment Faculty Open Fellowship seeks to locate teacher/scholars in mid-career who seek a break from academic routine with the hope that it will mean an opportunity to test or apply theory in "real life" settings; for others, it may mean a period of reading and reflection on the overall enterprise of teaching and curriculum building. James O. Bellis, associate professor of Sociology and Anthropology, received a Lilly Open Fellowship for 1976-1977; Donald C. Sniegoski, Associate professor of English, received the fellowship for 1977-78; Walter J. Nicgorski, associate professor in the General Program of Liberal Studies and James T. Cushing, associate professor in the Department of Physics are recipients of the Fellowship for 1978-79. Professors Cushing and Nicgorski were selected from 56 candidates submitted by 33 Indiana institutions. Notre Dame received two of the 12 fellowships awarded.

All applications must be processed as regular proposals and include a routing form and internal budget, both of which can be obtained from the Office of Research and Sponsored Programs.

The University deadline will be around mid-October in order to give our selection committee sufficient time to review all proposals. Notre Dame can submit three applications.

The selection committee will be composed of an associate or assistant dean from each of our colleges, a representative of the Office of Research and Sponsored Programs and our former winners of the Lilly award.

Additional announcements about the Lilly Endowment Faculty Open Fellowships will appear in future issues of the Notre Dame Report.

**Current Publications And Other Scholarly Works**

**ARTS AND LETTERS**

**HUMANISTIC AND SOCIAL STUDIES**

**American Studies**

Christman, Elizabeth

Kolbenschlag, Madonna C.


Schlereth, Thomas J.


**Art**

Geoffrion, Moira

**Economics**

Jameson, Kenneth P.


Kim, Kwan S.

Rakowski, James J.

Scovill, Mary E.

Skurski, Roger B.

Wilber, Charles K.

**English**

Davis, Walter R.

Frese, Dolores W.

Kline, Edward A.

Lord, Robert J.

General Program of Liberal Studies

Crowe, Michael J.

Loescher, Gilbert D.

Tillman, M. Katherine

Government and International Studies

Dowty, Alan

Walshe, Peter

Walsh, Peter

Walsh, Peter

Walsh, Peter

Walsh, Peter

History

De Santis, Vincent P.

Dolan, Jay P.

Dolan, Jay P.

Dolan, Jay P.

Modern and Classical Languages

Cervigni, Dino S.

Cervigni, Dino S.

Lanzinger, Klaus

Lanzinger, Klaus

LeMay, Albert H.

Renaldi, Thomas W.

Philosophy

Brennan, Sheila M.

Evans, Joseph W.

Manier, Edward

Psychology

Anderson, D. Chris

Borkowski, John G.


Cacioppo, John T.

Cacioppo, John T.

Ryan, Ellen B.

Sebastian, Richard J.

Sociology and Anthropology

O'Nell, Carl W.

Press, Irwin

Weigert, Andrew J.


Theology

O'Connor, CSC, Edward


Whitehead, James D.

Aerospace and Mechanical Engineering

Atassi, Hafiz


Biles, Willaim E.

Huang, Nai-Chien

Kanury, A. Murty

Mueller, Thomas J.


Roberts, William B.

Civil Engineering

Irvine, Robert L.

Ketchum, Jr., Lloyd H.

Taylor, James L.

Theis, Thomas L.


Electrical Engineering


Business Administration

Accountancy


Finance and Business Economics


Management


Marketing Management

Pitts, Robert E.
Stock, James R.
Weber, John A.

LAW

Connaughton, John

Dobranski, Bernard

Postlewaite, Philip F.

Sandoval, Rudy
Shaffer, Thomas L.

MEDIEVAL STUDIES

Berkhout, Carl T.

MEMORIAL LIBRARY

Havlik, Robert J.

Masin, Anton C.
## Monthly Summary

### Awards Received

**IN THE MONTH OF MARCH, 1978**

<table>
<thead>
<tr>
<th>Department or Office</th>
<th>Principal</th>
<th>Short title</th>
<th>Sponsor</th>
<th>Dollars</th>
<th>Months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil Eng.</td>
<td>Katona, Kelsey, Heinheit</td>
<td>Structural concepts for culvert installations</td>
<td>Fed. Highway Admin.</td>
<td>54,436</td>
<td>12</td>
</tr>
<tr>
<td>Electrical Eng.</td>
<td>Sain, Leake</td>
<td>Alternatives for jet engine control</td>
<td>Natl. Aero. Space Admin.</td>
<td>35,000</td>
<td>12</td>
</tr>
<tr>
<td>Biology</td>
<td>Greene, Gajda</td>
<td>Biological effects of UHV transmission</td>
<td>Am. Elect. Power Serv. Corp.</td>
<td>31,223</td>
<td>12</td>
</tr>
<tr>
<td>Electrical Eng.</td>
<td>Melia, Cohn</td>
<td>Design of a microprocessor</td>
<td>Tellabs, Inc.</td>
<td>5,006</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Scheidt</td>
<td>X-ray and chemical studies of metalloporphyrins</td>
<td>Natl. Inst. Health</td>
<td>60,563</td>
<td>12</td>
</tr>
<tr>
<td>Center Study Man</td>
<td>Johnson, Huckfeldt</td>
<td>Secondary education study</td>
<td>Dioc. Cleveland</td>
<td>21,253</td>
<td>6.5</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Castellino</td>
<td>Role of phospholipid in blood coagulation</td>
<td>Am. Heart Assocn.</td>
<td>48,160</td>
<td>--</td>
</tr>
</tbody>
</table>

**AWARDS FOR EDUCATIONAL PROGRAMS**

<table>
<thead>
<tr>
<th>Department</th>
<th>Principal</th>
<th>Title</th>
<th>Sponsor</th>
<th>Dollars</th>
<th>Months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Past. Soc. Min.</td>
<td>Egan</td>
<td>Conference on China</td>
<td>Joseph J. Spae</td>
<td>1,200</td>
<td>--</td>
</tr>
<tr>
<td>Psychology</td>
<td>Borkowski, Whitman</td>
<td>Research training in mental retardation</td>
<td>Natl. Inst. Health</td>
<td>54,982</td>
<td>12</td>
</tr>
</tbody>
</table>

**AWARDS FOR SERVICE PROGRAMS**

<table>
<thead>
<tr>
<th>Department</th>
<th>Principal</th>
<th>Title</th>
<th>Sponsor</th>
<th>Dollars</th>
<th>Months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Human Devel.</td>
<td>Duyer</td>
<td>Needs assessment program</td>
<td>---</td>
<td>34,971</td>
<td>--</td>
</tr>
<tr>
<td>Center Past. Liturgy</td>
<td>Pelton</td>
<td>Notre Dame Institute for clergy education</td>
<td>---</td>
<td>3,398</td>
<td>--</td>
</tr>
</tbody>
</table>
## Proposals Submitted

IN THE MONTH OF MARCH, 1978

<table>
<thead>
<tr>
<th>Department or Office</th>
<th>Principal</th>
<th>Short title</th>
<th>Sponsor</th>
<th>Dollars</th>
<th>Months</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PROPOSALS FOR RESEARCH</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical Eng.</td>
<td>Gajda</td>
<td>Fabrication/electrical characterization of joints in advanced composites</td>
<td>U.S. Navy</td>
<td>30,000</td>
<td>6</td>
</tr>
<tr>
<td>Microbiology - Lobund Lab.</td>
<td>Kulpa</td>
<td>Enhancement of drug delivery using target liposomes</td>
<td>Amer. Heart Assoc.</td>
<td>8,500</td>
<td>12</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Castellino, Strickland</td>
<td>Role of factors VII and VIII in the extrinsic pathway</td>
<td>Amer. Heart Assoc.</td>
<td>10,500</td>
<td>12</td>
</tr>
<tr>
<td>Philosophy</td>
<td>Caponigri</td>
<td>Aesthetic criticism in Bernard Berenson and Benedetto Croce</td>
<td>Natl. Endow.</td>
<td>39,058</td>
<td>12</td>
</tr>
<tr>
<td>Biology</td>
<td>Tweedell</td>
<td>Embryonic kidney tumor cells</td>
<td>R.E. Goldberg Mem. Cancer Res.</td>
<td>9,947</td>
<td>12</td>
</tr>
<tr>
<td>Electrical Eng.</td>
<td>Melsa, Cohn</td>
<td>Microprocessor based digital echo canceller</td>
<td>TELLABS, Inc.</td>
<td>5,006</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology - Lobund Lab.</td>
<td>Pollard</td>
<td>Selective adjuvants in promoting tumor rejection</td>
<td>(private fdtn.)</td>
<td>20,589</td>
<td>12</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Castellino</td>
<td>Phospholipid requirements in prothrombin activation</td>
<td>Amer. Heart Assoc.</td>
<td>4,000</td>
<td>12</td>
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<tr>
<td>Management</td>
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<td>Statistical procedures in organizational behavior-theory research</td>
<td>Exxon Educ. Fdtn.</td>
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<td>Ambrosiana Collection</td>
<td>Gabriel</td>
<td>Iconographical index of the Latin illuminated collection manuscripts</td>
<td>Samuel H. Kress Fdtn.</td>
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<tr>
<td>Civil Eng.</td>
<td>Ketchum, Irvine</td>
<td>Evaluation of the combined overflow treatment basin project</td>
<td>East Chicago Sanitary District</td>
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<td>Electrical Eng.</td>
<td>Meisa</td>
<td>Optimal control of a solar heating and cooling system</td>
<td>Los Alamos Scientific Lab.</td>
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**PROPOSALS FOR FACILITIES AND EQUIPMENT**

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<tr>
<th>Department or Office</th>
<th>Principal</th>
<th>Short title</th>
<th>Sponsor</th>
<th>Dollars</th>
<th>Months</th>
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**PROPOSALS FOR EDUCATIONAL PROGRAMS**

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<tr>
<th>Department or Office</th>
<th>Principal</th>
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<th>Months</th>
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<td>Sociology Anthro.</td>
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<td>Archaeological study in the Kankakee Marsh</td>
<td>Dept. Natural Resources</td>
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<td>English</td>
<td>Rathburn</td>
<td>Shakespeare and the public</td>
<td>Indiana Comm. Human.</td>
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<td>Center Study Man</td>
<td>Carlton, Solomon, Hauerwas</td>
<td>Conference on informed consent</td>
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**PROPOSALS FOR SERVICE PROGRAMS**

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<th>Dollars</th>
<th>Months</th>
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<td>Biology</td>
<td>Craig, Grimsd</td>
<td>Arbovirus surveillance laboratory service</td>
<td>Indiana State Board Health</td>
<td>100,703</td>
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Summary of Awards Received and Proposals Submitted

IN THE MONTH OF MARCH, 1978

<table>
<thead>
<tr>
<th>Category</th>
<th>Renewal</th>
<th>New</th>
<th>Total</th>
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<td>Educational Programs</td>
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<td>Service Programs</td>
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<td><strong>Total</strong></td>
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<table>
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<th>Category</th>
<th>Renewal</th>
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<td></td>
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<td>Educational Programs</td>
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<tr>
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<td><strong>Total</strong></td>
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Closing Dates for Selected Sponsored Programs

Proposals must be submitted to the Office of Research and Sponsored Programs seven (7) calendar days prior to the deadline dates listed below.

<table>
<thead>
<tr>
<th>Agency</th>
<th>Programs</th>
<th>Application Closing Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Endowment for the Humanities</td>
<td>Public Programs</td>
<td>May 26, 1978</td>
</tr>
<tr>
<td>Office of Education</td>
<td>Veterans Cost-of-Instruction Payments</td>
<td>May 17, 1978</td>
</tr>
<tr>
<td>Public Broadcasting Service</td>
<td>Corporation for Public Broadcasting (minorities)</td>
<td>May 19, 1978</td>
</tr>
</tbody>
</table>
Holtkamp Organ Dedication Homily

(Following is the text of a homily preached at the Blessing and Dedication Mass for the Holtkamp Organ by Rev. Patrick H. Maloney, C.S.C., on April 2, 1978.)

Today's Gospel is a dramatic tale of true and total conversion--the conversion of an apostle who dared to resist to believe even though he had spent three years in the company of the Lord--had listened to His teaching, had seen His miracles, had been the recipient of His love. In spite of all of this he (Thomas) persisted in his unbelief until he was admonished by the risen Lord Himself. We celebrate in today's liturgy Thomas' conversion from unbelieving to believing and our own conversion as well, a conversion that culminates and is symbolized in Baptism and the Easter Liturgy.

Because we are baptized and have entered into this conversion process, we are invited in this Eucharist to once again lift up our hearts to the Lord, for as Peter has said, "He has given to us new birth, a birth unto hope which draws its life from the resurrection of Jesus Christ from the dead."

"There is cause indeed to rejoice here." For it is our duty as members of Christ always and everywhere to give to Him our thanks. It is our vocation by the baptism we celebrate this Easter that we are, with the whole choir of heaven and earth, called to sing a forever and present Hosanna.

And so I say to you this morning, do lift up your hearts.

In the time of His flesh, it always had to be that way with Christ Himself. At His birth the choir of heavenly hosts was there to sing Glory to God and peace to man. Today, on the second Sunday of Easter we must sing that same song. But we do not, alas, have that first choir of angels today. In its stead we have our own chapel choir--not exactly angels, mind you, but nevertheless generous and truly wonderful in its song of praise and thanks.

And to them in the name of this community I say thank you for so many wonderful moments of prayerful song.

And all that other time when Christ was with us in the flesh, how He seemed to crave that reassurance and true affirmation of faith! We know that He really did not need it because He was and is God, but because He was and is also man He seems to have needed it very much. Hence He asked His disciples "Who do men say that I am?" Three times did He ask of Peter "Do you love me?" With disappointment He asked where are the other nine when only one out of ten lepers returned to thank Him for His healing. With apprehension He asked His disciples if they, too, might abandon Him. And again in today's Gospel, Risen He demands of Thomas that he not persist in unbelief but that he believe.

The fact is that our faith needs terribly to be verbalized. It should also be "musicalized" in order to arouse and sustain that faith and also to express it and to proclaim it. Among its many powers, music has the capacity to stimulate and articulate the faith that is in us. And while the notes endure for but a moment (indeed music is the most fleeting of the arts) music nevertheless invades our spirit and its psychological and spiritual effect is much more lasting.
It was in this spirit that Johann Sebastian Bach--honest man that he was--declared at least two purposes in his own music

1) The Glory of God
2) The permissible delight of the (human) spirit

As for the latter, our spirits shall certainly delight in this new instrument. We shall enjoy its majesty, its brilliance, its subtle delicacy, and its warmth. We shall enjoy the return of the world's great organists to this campus. The list is long of those who have performed here:

Sir Carl Busch
Carl Middleschulte
Leo Sowerby
Flor Peters
Fernando Germani
Carl Weinrich
Jean Langlais
Marie Claire Alain
Marilyn Mason
Anton Heiller
Simon Preston
Berj Zamkochian
Robert Anderson

And today for the third time, Prof. Michael Schneider from the Hochschule fur Musik in Koln.

(We are delighted with the dramatic appearance of this instrument and its visual impact on this 19th century Gothic structure in the middle of the Indiana prairie.)

With all our hearts do we thank Marjorie and Charles O'Malley for their most gracious gift. We promise them that no gift to this community will be more functional and truly appreciated. We also praise and thank its builders, Walter Holtkamp and his staff, whose superb skill and craftsmanship I have personally witnessed these past months.

As for Johann Sebastian Bach's first purpose in his own music--the Glory of God--that remains the duty of this generation to not only give thanks but to do so properly and with the Apostle Thomas to believe in our own time.

But we must do this in our own way and in our own musical language. It is not sufficient that museumlike we depend only on the music of the past.

And so I say to the Church, to the community of the believers, to its ministers, to its universities, bring today's arts back into the vitality of the Church. This is--yea--part of our faith. And today is a Sunday of faith.

Let today's musicians therefore sing a new psalm in their own musical vocabulary and current technology. Let them sing a new Easter Hymn for the resurrection is ever spring new. The voice of the past is not sufficient for today's believing. Let our composers find a new hymn of thanks and praise to the now risen Lord Who in this our day gives us healing anew and Who makes us one in His own Divine Life. We the Church of Christ risen should therefore invite today's composers to help us articulate in their art our new Easter Song. We the Church should also fill our temples when and where we can with the proper means to sing this hymn of faith with suitable instruments fit for the glory of God and fit for some permissible delight to the human spirit (and to some satisfaction of the musicians involved). We should also fill our Churches with choirs properly trained under musically skilled leadership to articulate what Christ Himself so often seemed to demand of His own disciples.

And finally as God's own people we should also open our own ears, minds and hearts to this new song. We should join in it and be part of it, for we must proclaim anew the mystery of our faith, yea with full hearts and voices. We cannot leave it to others. I say to you, take a chance in your song. Be bolder than you now are, put away your inhibitions and timidity and sing with new strength! Oh, how does our renewal liturgy need a stronger and more vigorous voice of participation! And if you or others are unhappy with your own voice, trust our new organ to help cover over some of your vocal deficiencies, but be not deficient in heart.

Christ demanded of His followers the articulation of their faith. No less necessary today is the articulation of our own faith, of our own conversion. Therefore, believe, and because you do believe, "Rejoice and sing now, all the round earth!"
Board of Trustees Response to the Report of the Committee to Evaluate Coeducation

April 1, 1978

Sr. John Miriam Jones, S.C.
Assistant Provost
University of Notre Dame

Dear Sr. John:

As you know, the Executive Committee of the Board of Trustees of the University met in Key Biscayne, Fla. on March 17 and 18, 1978. Although the agenda consisted of several items, a major amount of our time was devoted to the Report from the Committee to Evaluate Coeducation which had undergone initial discussion at the Board of Trustees meeting in October 1977.

At Key Biscayne, the trustees were uniformly impressed with the quality of the report and with your own presentation of its findings and major thrusts. On behalf of our colleagues we take this opportunity to commend the committee for the time, dedication and skills which its members brought to this important project. The portrayal of coeducation at Notre Dame from its inception in 1972 to its present generally happy state was gratifying to us all, and reinforced our conviction that our University is a richer and more vital institution because of the presence of women throughout its academic and social strata.

The report gives ample reason to believe that Notre Dame today has a student body of remarkable ability and a faculty whose own high calibre is stimulated by the men and women they teach.

The trustees at Key Biscayne took note of the numerous recommendations made in the report for the improvement of coeducational life at Notre Dame. The great majority of these call for administrative action which, the board was advised, would be initiated as promptly as possible.

Four of the recommendations involve policy issues which should be considered by the full Board of Trustees at its meeting in May of this year. As you know, they have to do with the desirability of a new student center, a study of co-residential housing, the adoption of equal access policy on admissions and a re-examination of the number of undergraduates to be enrolled at the University. Each of these matters was discussed by the Executive Committee whose views (without prejudice to later action by the full Board of Trustees) may be fairly summarized as follows:

1. The need for more student social space is clear. The precise form any additional facility or facilities should take and the financing thereof should receive early attention.

2. It is highly unlikely that the Board of Trustees would approve co-residential housing at Notre Dame. Strong opposition to the concept was expressed by several members of the Executive Committee.

3. An increase in female enrollment is desirable and likely. Gradual increases, as made during recent years, appear to be a more desirable approach than an "equal access" policy which is philosophically sound but if immediately applied could lead into several difficult problems which the report takes note of.

4. Increasing undergraduate enrollment to approximately 7,000 would make it possible to admit more women students both absolutely and relatively. This would necessitate the construction of a new residence hall. Donors are eagerly sought for this project.

In summary, any fair-minded observer must conclude that coeducation has been a signal success at Notre Dame. Much has been accomplished; much remains to be done.

Yours in Notre Dame,

Edmund A. Stephan
Chairman, Board of Trustees

Theodore M. Hesburgh, C.S.C.
President of the University