

'78-'79

# notre dame report

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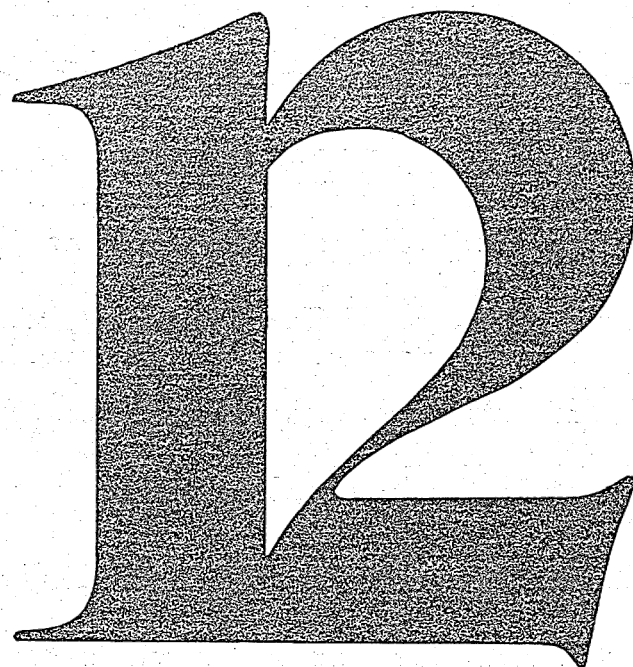
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# the university

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## New Advisory Council Member

The appointment of Mrs. Eileen O'Shaughnessy, Winnetka, Ill., to the Library Advisory Council has been announced by Rev. Theodore M. Hesburgh, C.S.C., President. Her husband, John J. O'Shaughnessy, was a long-time member of the Arts and Letters Advisory Council before his death in 1971, and her father, the late I.A. O'Shaughnessy, was a trustee and benefactor of the University.

The University's advisory councils consist of between 30 and 40 business and professional leaders who meet annually with deans and other academic administrators to discuss the development of Notre Dame's colleges, as well as its Law School, library and art museum.

## Memorial Library Hours Midsemester Vacation

March 16-24

### 1st and 2nd floors

Monday - Saturday	8 a.m. - 5 p.m.
Sunday	Closed

### 4th through 13th floors (Tower)

Monday - Saturday	8 a.m. - 10 p.m.
Sunday	1 p.m. - 10 p.m.

All libraries will return to their regular schedules on Sunday, March 25.

## Foreign Language Exam

The foreign language reading examination for graduate students will be held on Wednesday, April 18, 1979 in Room 204 O'Shaughnessy Hall from 7 to 9 p.m. The examination in each language will consist of two parts: a general text to be translated by all students; a second part will consist of a passage in the student's field of study. Dictionaries may be used for both parts of the test.

All students should register for the examination they wish to take in the office of the Department of Modern and Classical Languages, room 304 O'Shaughnessy Hall by Wednesday, April 4, 1979.

Graduate students presently enrolled in the 500 foreign language reading courses are expected to take the reading examination at the end of the semester.

## Art Gallery Exhibits

Highlights of the Art Gallery's European and American 20th century collection will be presented from Feb. 17 through April 19. The exhibit, "Modern Art from the Permanent Collection," includes works by Picasso, Chagall, Gottlieb and Calder.

"Old Master Drawings," featuring some of the earliest drawings in the Gallery's permanent collection, will be on view from Feb. 24 through May 28. Cambiaso, Guercino, Pellegrini and VanGoyen are some of the more significant artists represented.

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# faculty notes

## Honors

Harvey A. Bender, professor of biology, has been appointed to a three-year term on the Committee on Science and Society of Sigma Xi, the scientific research society of North America.

James J. Carberry, professor of chemical engineering, has been named the Richard King Mellon Fellow at Cambridge University, England by the Winston Churchill Foundation of the United States. Carberry is currently serving as the Churchill Fellow at Cambridge until June, 1979.

Julie Jensen, assistant professor of speech and drama, has won the 1979 playwriting competition sponsored by the Indiana Repertory Theatre in Indianapolis. The professional company at the IRT will produce Jensen's two prize-winning scripts: "Milkweed and Cokleburns" (coauthored with Mary Roberts) and "Was Birds", on Feb. 17, 1979.

David C. Leege, director of the Center for the Study of Man in Contemporary Society and professor of government has been appointed to a two-year term on the advisory panel for the Applied Social and Behavioral Sciences, National Science Foundation.

John F. O'Malley, adjunct assistant professor of biology, has been selected as an "Outstanding Faculty Member" at the Indiana University School of Medicine. O'Malley, who teaches at the South Bend Center for Medical Education here at Notre Dame, has been cited by the senior class as superlative in his teaching endeavors in the discipline of basic medical science.

R. Brian Walsh, director of the Computing Center, has been elected to his second consecutive term as secretary-treasurer of CAUSE, the professional association for the development, use and management of information systems in higher education.

Thomas L. Whitman, associate professor of psychology, has been appointed an associate editor of the AAESPH Review, a quarterly publication of the American Association for the Education of the Severely and Profoundly Handicapped.

## Activities

Joan Aldous, William R. Kenan, Jr. professor of sociology, lectured on "A Survival Kit for Today's Families" at Millsaps College in Jackson, Miss., on Feb. 2.

Sperry E. Darden, professor of physics, gave a lecture,  $^{18}O(p,p)^{18}O$  and  $^{18}O(p,p')^{18}O^*$  for  $E_p = 6.1 - 16.6$  MeV and Levels in  $^{19}F$ , at the Physical Society meeting in New York on Jan. 31, 1979.

Msgr. John J. Egan, special assistant to the President and director of the Center for Pastoral and Social Ministry, took part in a consultation between the CPSM and the Office of Lay Ministries of the Episcopal Church Center, New York, at the Villa Redeemer Retreat House, Glenview Ill., on Feb. 5-7. Msgr. Egan also took part in a planning meeting with diocesan parish council personnel and the National Federation of Priests Councils regarding a "Shared Responsibility Think-Tank" on Feb. 18 in Chicago.

Sonia G. Gernes, assistant professor of English, chaired a panel on Southwest Humor at the Southwest and Texas Popular Culture Conference at Oklahoma State University on Feb. 2, 1979. She presented a paper entitled: "Artists of Community: the Role of Storyteller in the Tales of the Southwest Humorists."

Philip Gleason, professor of history, concluded his term of office as president of the American Catholic Historical Association by delivering the presidential address at the 59th Annual Meeting of the association, San Francisco, CA., Dec. 29, 1978. The address was entitled, "In Search of Unity: American Catholic Thought, 1920-1960." It will appear in the April issue of The Catholic Historical Review.

Sean V. Golden, assistant professor of English, gave a lecture "Familiars in a Ruinstrewn Land: As if ENDGAME were a Political Allegory," to the Notre Dame English department, Nov. 30, 1978 in the Memorial Library Lounge. Golden addressed the Notre Dame Club of Chicago on the subjects of contemporary Irish poetry and politics in the north of Ireland on Dec. 3, 1978.

He also read a paper, "Traditional Irish Music in Contemporary Irish Literature" at the annual Modern Language Association meeting, Dec. 29, 1978. Golden served as a guest lecturer for the Wake Forest University Dublin program on "Early Celtic Art and Archaeology on Jan. 11, 1979 and on "Contemporary Irish Literature" on Jan. 22, 1979.

John A. Hollaran, assistant professor of finance, delivered a lecture on "Loan Loss Accounting" while serving as chairman of a call report clinic sponsored by the Bank Administration Institute in St. Louis, Dec. 11, 1978.

Patrick Horsbrugh, director, Environic Studies Program, professor of architecture, presented a paper entitled "Three Emergent Design Disciplines; The concept of Synergetic Planning for Human Vivacity and Ecological Vitality," at the College of Architecture, University of Kentucky, Lexington, Feb. 8, 1979.

Lloyd H. Ketchum, Jr., assistant professor of civil engineering, presented a talk, "Water Supply for South Bend," to the fourth grade health class at Holy Cross grade school on Feb. 2, 1979.

Bernard J. Kilbride, professor of finance, addressed the General Electric Credit Corporation's Residential Financing Management Conference on "The Outlook for the Economy and the Mobile Home Industry in 1979" in Palm Springs, Calif., on Jan. 23.

Julia F. Knight, assistant professor of mathematics, gave an invited talk entitled "Models of Arithmetic," on Jan. 25, 1979 at the joint AMS-ALS meeting in Biloxi, Miss.

Ralph McInerney, Michael P. Grace Professor of Medieval Studies and director of the Medieval Institute, lectured on "Aquinas: Faith and Philosophizing," Jan. 24 at Villanova University, Villanova, Penn.

Philip R. Moots, director of the Center for Constitutional Studies, spoke to the Christian College Consortium in Washington, D.C. on Feb. 5, about "Government Regulation of Church Related Colleges."

John F. O'Malley, adjunct assistant professor of biology, delivered a lecture entitled "The Pterygopalatine Fossa and Its Communications" at the Indiana University School of Medicine in Indianapolis, Ind., on Jan. 26.

James S. Phillips, associate professor of bands, was invited to adjudicate at the Northern Indiana School Band, Orchestra and Vocal Association solo/ensemble festival held in Portage, Ind., on Nov. 27, 1978; and at the Indiana School Music Association solo/ensemble festival held in Bloomington, Ind. on Feb. 3.

Thomas L. Shaffer, professor of law, lectured on "Moral Discourse In the Practice of Law" at the Second Annual 'OR 'EMET Lecture held at the Osgoode Hall Law School of York University in Downsview, Ontario, Feb. 2.

Donald E. Sporleder, professor of architecture, lectured on "Energy Conservation Measures--Some Examples in Park Settings" at the annual conference of the State of Indiana Park and Recreation Association, held at the Century Center, South Bend, Ind., on Nov. 6, 1978. Sporleder also participated in a work session as a member of the Professional Examination Committee of the National Council of Architectural Registration Boards in New Orleans, Jan. 12-15.

Sporleder coordinated a series of talks on the environment sponsored by the Architecture Department for the Kiwanis Club of La Porte, Ind. He gave the first of the talks, "Downtowns Are For People" on Feb. 1. Brian J. Crumlish, professor of architecture, presented "City Surveys--A Look at Historic Preservation" on Feb. 8, and Norman A. Crowe, assistant professor of architecture, lectured on "Cities and Towns--The European Tradition" on Feb. 15.

Balu Venkataraman, visiting professor of chemistry and scientist in the Radiation Laboratory, presented a seminar entitled "Study of Solvent-Radical and Radical-Radical Interactions by ESR-T<sub>1</sub> Measurements" at Cornell University, Ithaca, NY on Jan. 29, Columbia Univ., New York, NY on Feb. 1, Max-Planck Institute, Heidelberg, West Germany on Feb. 6, Physical Chemistry Institute, Mainz, West Germany, on Feb. 7, Laboratory of Physical Chemistry, Orsay, France, on Feb. 9, and Oxford University, England, on Feb. 13.

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# office of advanced studies

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## Special Notice

### Faculty Research Fund for 1978-79

The University Committee on Research and Sponsored Programs announces the Faculty Research Fund awards made for 1978-79:

Prof. Stephen M. Batill, Dept. of Electrical Engineering. Flow visualization using the smoke-wire technique. \$2,462.

Prof. Thomas G. Marullo, Dept. of Modern and Classical Languages. From realism to modernism: The prose fiction of the Russian decadence. \$1,500.

Prof. Tomoaki Asano, Dept. of Microbiology. Carcinogenesis by dietary nitrite. \$2,500.

Prof. Gary R. Burleson, Dept. of Microbiology. Cytomegalovirus: Virus-host interactions. \$2,500.

Prof. Arthur E. Livingston, Dept. of Physics. The atomic physics of highly-ionized atoms. \$2,500.

Prof. John A. Ruhe, Dept. of Management. Moral dilemmas and ethical responsibility in business organizations: A pilot study. \$2,471.

Prof. William Stanchina, Dept. of Electrical Engineering. Application of calcia-stabilized zirconia electrolytic cells to the study of thermal oxidation of GaAs. \$2,467.

There were 32 proposals submitted for consideration for this year's competition. Eleven were approved for funding, with the available funds permitting seven awards.

The review committee members were: Paul M. Mellema (chairman), Robert W. Williamson, Robert E. Burns, Morris Wagner, Thomas F. Broden, Thomas J. Mueller, William C. Strieder and Walter R. Johnson.

## Notes for Principal Investigators

### Public Health Service Alcohol, Drug Abuse and Mental Health Administration (ADAMHA) Small Grants Program

ADAMHA has announced an increase in the direct cost limit for Small Grant Program applications to \$10,000. Support is limited to a one year period and is not renewable. This announcement is applicable to grants beginning after October 1, 1979.

The ADAMHA Small Grant Program accepts applications that fall within the program interests of the National Institute of Mental Health (NIMH), the National Institute on Alcohol Abuse and Alcoholism (NIAAA) and the National Institute on Drug Abuse (NIDA). This program is primarily coordinated by the NIMH. However, each Institute makes awards for small grants relevant to its mission.

#### PURPOSE

The ADAMHA Small Grant Program provides relatively rapid financial support which is principally intended for newer, less experienced investigators, those at small colleges and others who do not have regular research grant support or resources available from their institutions. Small grants may be used to carry out exploratory or pilot studies, to develop and test a new technique or method or to analyze data previously collected.

The ADAMHA Small Grant Program invites applications for research grants which cover the entire range of scientific areas relevant to mental health, or to drug or alcohol abuse. While proposals may involve a wide variety of biomedical, behavioral and related disciplines, relevance to the missions of the ADAMHA Institutes must be present. Applications for studies aimed at problems outside these areas will not be accepted. Potential applicants with questions concerning acceptability of their proposed work should contact the NIMH Small Grant Program, which is primarily responsible for coordinating the whole program.

## SUBMISSION PROCEDURES

Small grant applications may be submitted at any time and without regard to the receipt dates that pertain to the regular research grant program. Applications will be processed as they are received and will be assigned for review to the next scheduled meeting of the Mental Health Small Grant Review Committee, which meets five times a year, followed by review by the National Advisory Mental Health Council, the National Advisory Council on Alcohol Abuse and Alcoholism or the National Advisory Council on Drug Abuse. Approximately five months should be allowed between submission of the application and the desired starting date of the grant.

## **National Institute of Health Request for Nominations for Members of NIH Scientific Review Groups**

The National Institutes of Health (NIH) invites nominations for membership on its scientific review groups which provide technical and scientific merit review of grant applications and contract proposals. Because of the magnitude, diversity and complexity of its programs and the desire to obtain the best possible advice, the NIH draws for review assistance on the national pool of scientists actively engaged in research. These scientists assist the NIH in an advisory capacity in the selection of the most meritorious projects to implement biomedical research programs of the highest quality. Nominations must be submitted by April 1, 1979, and will be solicited annually thereafter.

Any person may nominate one or more highly qualified candidates for consideration on one or more specific committees. Self nominations are accepted. The NIH has a special interest in assuring that women and ethnic minority scientists are adequately represented on advisory committees and therefore particularly encourages their nominations.

Although the NIH will carefully consider all nominations, it reserves the right to make final selections.

Information about the functions of each committee, the expertise required and the number of anticipated vacancies for terms beginning July 1, 1980 is available in the Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7378.

## **Information Circulars**

Additional information on all circulars listed below may be obtained by calling the following extensions:

- Extension 7432, for information on federal government programs.
- Extension 7433, for information on private foundations, corporations and state agencies.

## **National Endowment for the Humanities Humanities Institutes for 1979**

No. FY79-88

In order to encourage improved teaching of the humanities, the National Endowment for the Humanities is sponsoring institutes on selected topics for faculty members at colleges, universities and community colleges. Although these programs vary in scope, approach and criteria for selection of participants, they have in common the principal goal of enriched curriculum and improved teaching at the institutions to which participants return after the institute.

Participants receive stipends to cover their expenses, and their home institutions are required to contribute toward the cost of the institute. These contributions vary but average \$150. Details on stipends and contributions, as well as detailed information about the programs and application forms should be obtained from the institute directors.

A complete listing of institutes to be held during the summer of 1979 is available in the Office of Advanced Studies, Division of Research and Sponsored Programs. Early application is recommended.

## **The Ford Foundation Resources and the Environment**

No. FY79-89

### Areas Covered:

Independent research that contributes to the formation of public policy in such areas as energy use and supply, resource scarcities, land use and air and water pollution and mediation of environmental disputes.

Support will continue to environmental mediation activities in which lawyers, economists and scientists work to resolve complex environmental problems before they reach litigation.

### International Programs:

Increased concern in the less-developed countries over the deterioration of land and water resources has led the Foundation over the last few years to support projects aimed at developing skills for improved resource management. Support is expected to continue for projects in Indonesia, Thailand and the Philippines. The aim is to produce research and trained analysts who will be better able to anticipate the long-run side effects of resource exploitation in planning for economic development.

### Proposal Guidelines:

Narrative, with detailed, itemized budget.

### Deadline:

None.

## The Ford Foundation The Arts

No. FY79-90

### Program:

Over the next two years The Ford Foundation's work in the arts will concentrate on two broad categories:

1. Stabilization of the institutions that bring work of artists, single or in groups, to the public: professionally managed theaters, symphony orchestras, dance and opera companies.
2. Assistance to individual artists and to groups, apart from performing arts companies, that make the work of artists broadly accessible to the public. The emphasis will be on giving as many people as possible a chance to be introduced to artistic works of high quality.
3. In addition, the Foundation is investigating ways of working through the schools and other institutions to make music, poetry and the graphic arts integral parts of their programs.

### Proposal Guidelines:

Narrative, including a detailed, itemized budget.

### Deadline:

None.

## The Fund for the Improvement of Postsecondary Education National Project IV, Examining the Varieties of Liberal Education Special Focus Program— Adapting Improvements: Better Strategies for Educating Adults

No. FY79-91

The Education Amendments Act of 1972 authorizes the Secretary of Health, Education and Welfare to improve postsecondary educational opportunities by providing assistance to educational institutions and agencies for a broad range of reforms and innovations.

To implement this authority, the Secretary has established the Fund for the Improvement of Postsecondary Education, a separate organizational unit within the Department of H.E.W., under the general supervision of the Assistant Secretary for Education. The Fund is a governmental, grant-making organization with four distinguishing characteristics:

- \* It is comprehensive in scope, covering the entire range of postsecondary education.
- \* It is responsive, seeking to yield to external initiative the task of conceiving and developing proposals to be funded.
- \* It is action-oriented. While the Fund will entertain proposals for policy-oriented studies and feasibility studies directly related to reform, innovation and improvement, it will not fund proposals for basic research.
- \* It is risk-taking. The Fund will entertain proposals for new and unproven ideas as well as proven ones.

The authorizing legislation for the Fund identifies eight purposes for which grants and contracts may be awarded. These are:

- 1) encouraging the reform, innovation and improvement of postsecondary education and providing equal educational opportunity for all;
- 2) the creation of institutions and programs involving new paths to career and professional training, and new combinations of academic and experiential learning;
- 3) the establishment of institutions and programs based on the technology of communications;
- 4) the carrying out in postsecondary educational institutions of changes in internal structure and operations designed to clarify institutional priorities and purposes;
- 5) the design and introduction of cost-effective methods of instruction and operation;
- 6) the introduction of institutional reforms designed to expand individual opportunities for entering and re-entering institutions and pursuing programs of study tailored to individual needs;
- 7) the introduction of reforms in graduate education, in the structure of academic professions and in the recruitment and retention of faculties; and
- 8) the creation of new institutions and programs for examining and awarding credentials to individuals, and the introduction of reforms in current institutional practices related thereto.

To achieve these purposes, the Fund administers a Comprehensive Program competition through which applicants may submit proposals related to any of the purposes for which the Fund can make awards. In addition, in FY 1979 the Fund is administering two targeted competitions: National Project IV, Examining the Varieties of Liberal Education, and a Special Focus Program, Adapting Improvements: Better Strategies for Educating Adults.

In National Project IV, the Fund is seeking applications from a wide variety of institutions and agencies providing effective liberal education. This competition will not provide funding for the development of new programs and practices. Instead, it will support the examination of existing activities. National Project IV will be a collaborative project in which the participants seek to provide leadership to postsecondary education, by examining some of the best models of liberal education and by sharing the results of that examination with others.

The Special Focus Program, Adapting Improvements: Better Strategies for Educating Adults seeks to improve and extend education for adults through the adaptation or diffusion of effective practices. Applications must be concerned with 1) a specific area for improvement - adult learning - and 2) a particular strategy of improvement - adaptation diffusion.

The due date for receipt of proposals at the Fund is May 21, 1979.



## U.S. Office of Education Environmental Education Program

No. FY79-92

The purpose of the Environmental Education Program is to support research, demonstration and pilot projects designed to improve public understanding of environmental issues as they relate to the quality of life. Projects of interest are those which develop educational practices and resources dealing with the relation of various aspects of the natural and man-made environment to the total human environment. These aspects include the relation of energy, population, pollution, resource allocation and depletion, conservation, transportation, technology, economic impact and urban and rural planning to the total human environment.

Applications for awards must be mailed (postmarked) or hand delivered by April 16, 1979.

## The Ford Foundation Communications

No. FY79-93

The Ford Foundation intends to continue its support of public television programming, earmarking funds for programs on subjects related to broad areas of Foundation interest -- the arts, for example, or urban problems.

Under consideration is continued support to encourage production of more documentaries for public television, especially by independent or free-lance producers.

The remainder of the Foundation's communications efforts will focus on journalism and communications policy. Investigations are under way to find additional or improved means of advancing journalistic understanding of complex affairs, not only among reporters but also among editors. The list of issues demanding attention on the policy level of communications includes -- the effect of the media on elections, the economic future of newspapers and magazines in the face of tremendous growth of television on children, effects of copyright and patent legislation, truth in advertising and cross-ownership of media systems.

Other actions contemplated are support of comparative studies on the future of newspapers in the United States and other free societies, and of studies of the influence of the broadcasting and print media on the public's perception and understanding of local, national and international news.

Proposal Guidelines:  
Narrative, including a detailed, itemized budget.

Deadline:  
None.

## The Ford Foundation Public Policy and Social Organization

No. FY79-94

Program:  
Over the next two years support for graduate training and research in public policy will focus on special projects and activities involving collaboration among the leading graduate programs. Among the areas in which support is now being given or considered are the family, the corporation, the military, the presidency, national economic and public finance issues and science policy. In addition, the Foundation has responsibility for the support of selected studies and other activities in the humanities that may shed light on values in society and on other public policy concerns.

Proposal Guidelines:  
Narrative, including detailed, itemized budget.

Deadline:  
None.

## The Ford Foundation International Division

No. FY79-95

Program:  
Concern for peace, freedom and justice throughout the world. The bulk of the Foundation's international budget over the next two years will be devoted to programs in developing countries. For example, efforts to expand food production, to moderate population growth and to widen access by the poor to social services will continue to be stressed. At the same time increasing attention will be given to strengthening international communications, study, research and action on such world-wide problems as arms control, the international economic order and human rights.

Fellowship support will continue to enable young Japanese social scientists to undertake advanced studies in the United States.

Scholarly exchanges between the United States and the Soviet Union and other East European countries will receive continued assistance. Further support is also planned for Sino-American scholarly exchanges arranged by the Committee for Scholarly Communications with the People's Republic of China.

Proposal Guidelines:  
Narrative, including a detailed, itemized budget.

Deadline:  
None.



## National Science Foundation Cooperative Research with Latin America

No. FY79-96

The U.S.-Latin American Cooperative Science Program seeks to promote beneficial cooperation in scientific research between scientists of the U.S.-Latin America and the independent nations of the Caribbean. U.S. investigators may request supplemental funding to extend on-going research into cooperative efforts with qualified Latin American scientists. Workshops and short-term scientific visits to carry out or complete the planning of cooperative research projects are also supported. Cooperating foreign scientists must obtain support from other sources and submit a matching proposal to their own national science council. Proposals should be prepared according to standard NSF guidelines and describe in detail the cooperative aspects of the workplan and the mutual benefits to be obtained. Deadlines are June 1 and Dec. 1. For further information, contact the appropriate program managers on (632-5811); Mack Gilkeson (Argentina, Brazil, Mexico); Christine French (all other countries); and Eduardo Feller (all countries).

## Argonne Universities Association Argonne Facilities Users' Expense Reimbursement

No. FY79-97

### Program:

Support of travel and subsistence expenses to outside users of selected Argonne National Laboratory facilities during 1979. Intent is to stimulate use of, and interest in, various ANL facilities by scientific investigators.

1. Facilities for which the user support policy is primarily intended are those which do not exist at an university or other research center and which are particularly intended to provide for independent and/or collaborative research by the scientific community at large, as well as the resident Argonne staff.
2. The funding is intended to support principal investigators and their graduate students or assistants for the purpose of using the ZING-P' facility, the ANL High Voltage Electron Microscope (HVEM) or such other facilities as may fall within the broad intent of this program. Funding is intended to cover expenses of visits expressly to use the facilities while conducting experiments, and not for preliminary discussion meetings, exploratory visits or trips other than for periods of actual use of facilities.

### Funding:

Maximum funding is for expenses of \$1,000 to any one individual; to any one experimental group, \$1,700.

For Further Information Contact the Following:

Argonne Universities Association  
P.O. Box 307  
Argonne, Illinois 60439  
Telephone: (312) 972-5455

## National Science Foundation New Biological Instrumentation Program for PCM Division

No. FY79-98

An Instrumentation Program has been established in the Division of Physiology, Cellular and Molecular Biology (PCM) to help meet growing equipment and instrumentation demands. The Biological Instrumentation Program has two functions--to provide support for proposals from multi-user groups for the purchase of major research instruments and to support the development of instruments that provide increased sensitivity and capability for measuring the detailed structure, dynamics, interactions and alterations that occur in biological systems. For further information, contact Dr. Larry Faller, Division of Physiology, Cellular and Molecular Biology (653-5339).

## Easter Seal Research Foundation Grants for Investigating Crippling Conditions and the Rehabilitation of Crippled Persons

No. FY79-99

### Program:

Grant-in-Aid not to exceed \$15,000 per year for research investigating the rehabilitation of the physically handicapped and the prevention and treatment of physical disabilities.

Grants of \$15,000 to \$25,000 are awarded for cooperative research projects involving a collaborative investigation. Grants are viewed as seed money designed to help an investigator undertake research leading to larger, more definitive research projects capable of being funded by larger granting agencies. Clinical or applied studies are preferred as contrasted with fundamental, basic scientific studies.

### Fields of Investigation:

1. Measures for enhancing the effectiveness of the rehabilitation process.
2. Methods for improving impaired functions or for mitigating the results of dysfunction.
3. The prevention of physical disabilities.
4. The causes of crippling.

### Specific Areas of Interest Include:

1. The role of the family in rehabilitation.
2. Evaluation of therapies and methods of patient care.
3. Prosthetics.
4. Management of services.
5. Community referral and information services.
6. Studies of the cause and prevention of such crippling diseases and their manifestations.
7. Other problems affecting the rehabilitation of the physically handicapped.
8. Camping programs for handicapped children.

### Deadline:

September 1, 1979.

#### Applications:

Application forms are available from the Office of Advanced Studies, Division of Research and Sponsored Programs. Prior to submitting a formal proposal, an investigator may request an informal determination of an application's pertinence to the current research emphasis of the Foundation. Write to:

Easter Seal Research Foundation  
2023 West Ogden Avenue  
Chicago, Illinois 60612  
Attention: William Gellman, Ph.D., Director  
Telephone: (312) 243-8400.

### **American Heart Association Indiana Affiliate, Inc. Research Applications for 1979-80**

No. FY79-100

#### Program:

Grants-in-Aid are awarded to nonprofit institutions with the requisite basic facilities for research and with experienced investigators on staff. Grants are to be used by the principal investigator on the staff of the institution in support of a specified program. Duration of awards are from one to three years, subject to annual review.

#### Deadline:

March 15, 1979.

#### Applications:

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

### **The Indiana Committee for the Humanities Project Prospectus Form**

No. FY79-101

#### Project Prospectus Form:

The Project Prospectus Form is to be used for preliminary grant inquiry to the Indiana Committee for the Humanities. It is only an initial summary of ideas, not a complete application. ICH staff members use the form in counseling prospective applicants. As a working document, it gives the staff a clear picture of intentions and a framework for making suggestions about program content, format, rationale and budget. After the prospectus has been submitted, the applicant will be encouraged to contact an ICH staff member for comments.

A Project Prospectus Form is required for all grants requesting more than \$2,000. Forthcoming deadlines for such grants are:

<u>PPF Due</u>	<u>Detailed Proposal Due</u>	<u>Project May Start</u>
July 1, 1979	August 15, 1979	October 1, 1979
September 1, 1979	October 15, 1979	December 1, 1979

#### Major Media Projects:

Major media projects may submit Project Prospectus Forms at any time, but the next deadline date for detailed proposals is April 1, 1979. This applies only to major media projects.

Grants requesting less than \$2,000 are encouraged to submit a Project Prospectus Form at any time but are not required to do so. Applicants for such grants may directly submit the ICH mini grant application form.

#### Proposal Guidelines and Applications:

Proposal guidelines and applications are available from the Office of Advanced Studies, Division of Research and Sponsored Programs.

### **U.S. Department of Justice Law Enforcement Assistance Administration Relationships between Race and Crime**

No. FY79-102

The National Institute of Law Enforcement and Criminal Justice has announced the initiation of a program of research on minority communities with the purpose of increasing the understanding of the relationships between race and crime.

The solicitation asks for the submission of concept papers rather than full proposals. Concept papers will be evaluated by a peer review panel and the applicant who submits the most favorably reviewed paper will be asked to submit a full proposal. If more than one applicant is invited to submit a full proposal, proposals will again be reviewed and a single award of up to \$400,000 will go to the applicant whose proposal receives the most favorable evaluation. The grant is planned for award by September 1979 and is to be about 2 years in duration. The deadline date for the submission of concept papers is March 31, 1979.

## National Endowment for the Humanities Humanities Fellowships for 1980-81

No. FY79-103

The National Endowment for the Humanities has announced application schedules for its fellowships for 1980-81. The fellowships are intended to provide time for scholars, teachers and other interpreters of the humanities to undertake full-time study and research. The scope of Endowment support includes, but is not limited to, the study of the following: history, philosophy, languages, linguistics, literature, archaeology, jurisprudence, history and criticism of the arts, ethics, comparative religion and those aspects of the social sciences that employ historical or philosophical approaches, including cultural anthropology, sociology, political theory, international relations and other subjects concerned primarily with questions of value rather than with quantitative matters. Candidates for degrees and persons seeking support for work leading toward degrees are not eligible, although applicants need not have advanced degrees to qualify.

Fellowships are offered in three categories:

**Category A:** These fellowships are for independent study and research for scholars, teachers and others whose work seems likely to lead to significant contributions to humanistic thought and knowledge.

**Eligibility:** Persons with broad interpretive interests as well as those scholars working in specialized fields

**Stipend and Tenure:** \$10,000 for six months and \$20,000 for twelve

**Application Deadline:** June 1, 1979

**Category B:** These are fellowships for independent study and research for persons who are engaged primarily in undergraduate teaching whose work will enhance their abilities as teachers and make important contributions to humanistic thought and knowledge.

**Eligibility:** Those who are primarily engaged in, or intending careers in, undergraduate teaching

**Stipend and Tenure:** \$10,000 for six months and \$20,000 for twelve

**Application Deadline:** June 1, 1979

**Category C:** These fellowships provide opportunities to undergraduate college teachers to participate in seminars directed by distinguished scholars at designated universities and to undertake research and study of their own choosing beyond the work of the seminars.

**Eligibility:** Only persons who are teaching in two-, four- or five-year colleges and universities.

Faculty members of departments with doctoral programs are not eligible to apply.

**Stipend and Tenure:** \$20,000 for twelve months

**Application Deadline:** November 12, 1979

Application materials for the fellowships will be available about mid-March.

## Current Publications And Other Scholarly Works

ARTS AND LETTERS  
HUMANISTIC AND SOCIAL STUDIES

### Economics

Jameson, Kenneth P.

K.P. Jameson and C.K. Wilber. 1979. Employment, basic human needs and economic development. Pages 124-145 in, C.K. Wilber and M.E. Jegen, eds. *Growth With Equity: Strategies for Meeting Human Needs*. Paulist Press.

K.P. Jameson, J. Weaver and R. Blue. 1979. A critical analysis of approaches to growth and equity. Pages 412-422 in, C.K. Wilber, ed. *The Political Economy of Development and Underdevelopment*, Random House, New York, New York.

Kwan, Kim S.

K.S. Kwan. 1978. A time minimization approach to investment planning in an open economy. *Modeling and Simulation* 9(2):481-486.

Wilber, Charles K.

K.P. Jameson and C.K. Wilber. 1979. Employment, basic human needs and economic development. Pages 124-145 in, C.K. Wilber and M.E. Jegen, eds. *Growth With Equity: Strategies for Meeting Human Needs*. Paulist Press.

M.E. Jegen and C.K. Wilber, eds. 1979. *Growth With Equity: Strategies for Meeting Human Needs*. Paulist Press. 241 pp.

### English

Brzenk, Eugene J.

E.J. Brzenk. 1978. Apuleius, pater and the bildungsroman. Pages 231-237 in, *Aspects of Apuleius' Golden Ass*, Groningen, The Netherlands.

### History

Dolan, Jay P.

J.P. Dolan. 1979. Catholic education--why bother? *Momentum* 10(1):28-29.

### Modern and Classical Languages

Rubulis, Aleksis

A. Rubulis. 1979. Ezezers. *Aglonas Vestis* 1/2-172/173:3.

### Philosophy

Evans, Joseph W.

J.W. Evans. 1979. Winter wonderland. *The Observer* 13(80):8.

### SCIENCE

### Biology

Hunt, Linda-Margaret

H.A. Bender, L.M. Hunt, M. Bollone and W. Crooks. 1978. Studies of the effects of the chromenes, precocene 1 and precocene 2, upon the reproductive capacities of *Drosophila melanogaster*. Contributed Paper Sessions, Part I. Moscow.

Rai, Karamjit S.

M.A. Motara and K.S. Rai. 1978. Giemsa c-banding patterns in *Aedes (stegomyia)* mosquitoes. Chromosoma 70:51-58.

#### Chemistry

Castellino, Francis J.

F.J. Castellino and B.N. Violand. 1979. The fibrinolytic system-basic considerations. Progress in Cardiovascular Diseases 21(4):241-254.

Fessenden, Richard W.

\*H. Shimamori and R.W. Fessenden. 1978. Mechanism of thermal electron attachment in  $N_2O-CO_2$  mixtures in the gas phase. Journal of Chemical Physics 69(11):4732-4742.

\*H. Zemel and R.W. Fessenden. 1978. The mechanism of reaction of  $SO_4$ -with some derivatives of benzoic acid. Journal of Physical Chemistry 82(25):2670-2676.

Thomas, J. Kerry

\*G.R. Burleson, C.F. Kulpa, H.E. Edwards and J.K. Thomas. 1978. Fluorescent probe studies of normal, persistently infected, rous sarcoma virus-transformed and trypsinized rat cells. Experimental Cell Research 116:291-300.

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\*Under the Radiation Laboratory  
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#### Microbiology

Burleson, Gary R.

\*G.R. Burleson, C.F. Kulpa, H.E. Edwards and J.K. Thomas. 1978. Fluorescent probe studies of normal, persistently infected, rous sarcoma virus-transformed and trypsinized rat cells. Experimental Cell Research 116:291-300.

Kulpa, Charles F.

\*G.R. Burleson, C.F. Kulpa, H.E. Edwards and J.K. Thomas. 1978. Fluorescent probe studies of normal, persistently infected, rous sarcoma virus-transformed and trypsinized rat cells. Experimental Cell Research 116:291-300.

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\*Under the LOBUND Laboratory  
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#### Physics

Johnson, Walter R.

W.R. Johnson and V. Radojevic. 1978. Photoelectron branching ratio in the 4d subshell of xenon. Journal of Physical B Atomic Molecular Physics 11(24):773-775.

Jones, Gerald L.

G.L. Jones. 1978. Decimation transformations in lattice systems of continuous spins. Journal of Statistical Physics 19(4):417-425.

Kolata, James J.

J.J. Kolata, R.M. Freeman, F. Haas, B. Heusch and A. Gallmann. 1979. Reaction cross sections for the interaction of  $^{16}O$  with  $^{12}C$ . Physical Review C 19:408.

## ENGINEERING

### Aerospace and Mechanical Engineering

Akai, Terrence J.

H. Atassi and T.J. Akai. 1979. Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low mach number. Part I: Pressure distribution, forces and moments. Pages 1-8, in, Transactions of the ASME, Paper No. 79-GT-111.

H. Atassi and T.J. Akai. 1979. Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low mach number. Part II: Stability and flutter boundaries. Pages 1-5 in, Transactions of the ASME, Paper No. 79-GT-112.

Atassi, Hafiz

H. Atassi and T.J. Akai. 1979. Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low mach number. Part I: Pressure distribution, forces and moments. Pages 1-8 in, Transactions of the ASME, Paper No. 79-GT-111.

H. Atassi and T.J. Akai. 1979. Aerodynamic and aeroelastic characteristics of oscillating loaded cascades at low mach number. Part II: Stability and flutter boundaries. Pages 1-5 in, Transactions of the ASME, Paper No. 79-GT-112.

Kanury, A. Murty

A.M. Kanury. 1978. Methods of measurements in destructive fires. Pages 279-296 in, T.L. Boggs and B.T. Zinn, ed. Experimental Diagnostics in Combustion of Solids. American Institute of Aeronautics and Astronautics, Inc.

Lloyd, John R.

J.R. Lloyd, T.J. Mueller and R.E. Waugh. 1978. Experimental observations on the thermal fragility of erythrocytes including the effects of storage and anticoagulant. Journal of Biomechanical Engineering 100:223-228.

Mueller, Thomas J.

J.R. Lloyd, T.J. Mueller and R.E. Waugh. 1978. Experimental observations on the thermal fragility of erythrocytes including the effects of storage and anticoagulant. Journal of Biomechanical Engineering 100:223-228.

### Chemical Engineering

Carberry, James J.

P. Varghese, J.J. Carberry and E.E. Wolf. 1978. Spurious limit cycles and related phenomena during CO oxidation on supported platinum. Journal of Catalysis 55:76-87.

Wolf, Eduardo E.

G.L. Guzman and E.E. Wolf. 1978. Theoretical analysis of noncatalytic gas-solid reactions in a single pellet diffusion reactor. Chemical Engineering Science 33:1557-1560.

G.L. Guzman and E.E. Wolf. 1979. Effect of nonuniform activity distribution on catalyzed gas-solid reactions. Industrial Engineering Chemistry, Fundamentals 18(1):7-11.

P. Varghese, J.J. Carberry and E.E. Wolf. 1978. Spurious limit cycles and related phenomena during CO oxidation on supported platinum. Journal of Catalysis 55:76-87.

#### Civil Engineering

- Marley, Jerry J.  
T.L. Theis and J.J. Marley. 1979. Environmental considerations for fly ash disposal. Journal of the Energy Division 105:47-61.
- Theis, Thomas L.  
T.L. Theis and T.D. Hayes. 1978. The chemistry of heavy metals in anaerobic digestion. Pages 403-419 in, A.J. Rubin, ed. Chemistry of Wastewater Technology. Ann Arbor Science Publishers, Ann Arbor, Michigan.
- T.L. Theis and J.J. Marley. 1979. Environmental considerations for fly ash disposal. Journal of the Energy Division 105:47-61.

#### AMBROSIANA COLLECTION

- Gabriel, Astrik L.  
A.L. Gabriel. 1978. Intellectual relations between the University of Louvain and the University of Paris in the 15th century. Pages 82-132 in, J. Ijsewijn and J. Paquet, eds. The Universities in the Late Middle Ages. Leuven University Press.

#### LAW

- Ripple, Kenneth F.  
K.F. Ripple. 1979. An analysis of lake agency, et. al. Preview of United States Supreme Court Cases.

#### MEMORIAL LIBRARY

- Havlik, Robert J.  
R.J. Havlik. 1978. Review of D.T. Hawkins' Noble gas compounds: A bibliography: 1962-1976. Choice 15(10):1348.
- R.J. Havlik. Review of The New York Times Cumulative Subject & Personal Name Index: Environment, 1965-1975. Choice 15(10):1351.

#### RADIATION LABORATORY

- Bentley, John  
J. Bentley. 1978. Determination of electronic energies from experimental electron densities. Journal of Chemical Physics 70(1):159-164.
- Grieser, Franz  
J.K. Thomas, F. Grieser and M. Wong. 1978. Fast reactions in micelles. Berichte der Bunsengesellschaft fuer Physikalische Chemie 82:939-949.
- Hasegawa, Kunihiro  
L.K. Patterson and K. Hasegawa. 1978. Pulse radiolysis studies in model lipid systems. The influence of aggregation on kinetic behavior of OH induced radicals in aqueous sodium linoleate. Berichte der Bunsengesellschaft fuer Physikalische Chemie 82:951-956.

Patterson, Larry K.

- L.K. Patterson and K. Hasegawa. 1978. Pulse radiolysis studies in model lipid systems. The influence of aggregation on kinetic behavior of OH induced radicals in aqueous sodium linoleate. Berichte der Bunsengesellschaft fuer Physikalische Chemie 82:951-956.
- R.D. Small, Jr., J.C. Scaiano and L.K. Patterson. 1979. Radical processes in lipids. A laser photolysis study of t-butoxy radical reactivity toward fatty acids. Photochemistry and Photobiology 29:49-51.
- Scaiano, Juan C.  
R.D. Small, Jr. and J.C. Scaiano. 1978. Electron transfer reactions of the biradicals produced in the norrish type II process. Journal of Physical Chemistry 82(25):2662-2664.
- R.D. Small, Jr. and J.C. Scaiano. 1978. Solvent effects on the lifetimes of photogenerated biradicals. Chemical Physics Letters 59(2):246-248.
- J.C. Scaiano, E.A. Lissi and M.V. Encina. 1978. Chemistry of the biradicals produced in the Norrish Type II reaction. Pages 139-196 in, Review of Chemical Intermediates. Verlag Chemie International, Inc.
- R.D. Small, Jr., J.C. Scaiano and L.K. Patterson. 1979. Radical processes in lipids. A laser photolysis study of t-butoxy radical reactivity toward fatty acids. Photochemistry and Photobiology 29:49-51.
- Schuler, Robert H.  
G. Foldiack and R.H. Schuler. 1978. Rate constants for the scavenging of radicals by iodine. Journal of Physical Chemistry 82:2756.
- Shimamori, Hiroshi  
H. Shimamori and R.W. Fessenden. 1978. Mechanism of thermal electron attachment in N<sub>2</sub>O-CO<sub>2</sub> mixtures in the gas phase. Journal of Chemical Physics 69(11):4732-4742.
- Small, Jr., Richard D.  
R.D. Small, Jr. and J.C. Scaiano. 1978. Electron transfer reactions of the biradicals produced in the norrish type II process. Journal of Physical Chemistry 82(25):2662-2664.
- R.D. Small, Jr. and J.C. Scaiano. 1978. Solvent effects on the lifetimes of photogenerated biradicals. Chemical Physics Letters 59(2):246-248.
- R.D. Small, Jr., J.C. Scaiano and L.K. Patterson. 1979. Radical processes in lipids. A laser photolysis study of t-butoxy radical reactivity toward fatty acids. Photochemistry and Photobiology 29:49-51.
- Thomas, J. Kerry  
J.K. Thomas, F. Grieser and M. Wong. 1978. Fast reactions in micelles. Berichte der Bunsengesellschaft fuer Physikalische Chemie 82:939-949.

## 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.

Agency	Programs	Application Closing Dates
American Heart Association	Research Grants-In-Aid	April 1, 1979
Camille and Henry Dreyfus Foundation	Teacher-Scholar Grants	April 15, 1979
Epilepsy Foundation of America	Training Grants	April 1, 1979
National Endowment for the Humanities	Education Programs	April 1, 1979
National Endowment for the Humanities	Fellowship and Stipend Programs (summer seminars)	April 1, 1979
National Endowment for the Humanities	Youthgrants in the Humanities	April 15, 1979
National Science Foundation	Ethics and Values in Science and Technology	April 1, 1979
National Science Foundation	Public Understanding of Science	April 1, 1979
Office of Education	Community Service and Continuing Education Programs	April 6, 1979
Office of Education	Handicapped Children's Early Education Program State Implementation	April 4, 1979
Office of Indian Education Programs	Postsecondary Educational Support for Indians	April 1, 1979
Organization of American States	Fellowship Program	April 1, 1979

# documentation

## Salaries, Tenure and Fringe Benefits of Full-Time Instructional Faculty, 1978-79

The Office of the Dean of Administration has prepared and filed Higher Education General Information Survey (HEGIS XIII), Salaries, Tenure and Fringe Benefits of Full-Time Instructional Faculty, 1978-79, with the Department of Health, Education, and Welfare, Washington, D.C. Information from the report is processed and recorded by the National Center for Education Statistics, from which the National Office of the American Association of University Professors collects data and develops average salary and average compensation by rank for each reporting university or college.

The 1978-79 AAUP average salary and average compensation figures by rank for the University of Notre Dame, together with the respective percents of annual increase, are shown below together with comparable figures for the years 1972-73 through 1977-78. (Tables 1, 2)

The average salary for continuing teacher and research members on faculty in 1978-79 and 1977-78 follows. (Table 3)

Table 1

UNIVERSITY OF NOTRE DAME  
AVERAGE SALARIES PER AAUP REPORTS

	<u>1978-79</u>	<u>1977-78</u>	<u>1976-77</u>	<u>1975-76</u>	<u>1974-75</u>	<u>1973-74</u>	<u>1972-73</u>
Professor	\$28,016	\$26,099	\$24,571	\$22,731	\$21,137	\$20,111	\$19,409
% Increase	7.3	6.2	8.1	7.5	5.1	3.6	1.6
Assoc. Professor	21,606	20,166	18,848	17,313	16,267	15,460	15,014
% Increase	7.1	7.0	8.9	6.4	5.2	3.0	2.4
Asst. Professor	17,063	15,911	14,751	14,073	13,186	12,616	12,388
% Increase	7.2	7.9	4.8	6.7	4.5	1.8	1.5
Instructor	14,945	14,683	12,975	11,477	10,745	10,164	9,853
% Increase	1.8	13.2	13.1	6.8	5.7	3.2	7.4
All Ranks	\$22,381	\$20,788	\$19,336	\$17,839	\$16,558	\$15,654	\$15,323
% Increase	7.7	7.5	8.4	7.7	5.8	2.2	3.0

Table 2

UNIVERSITY OF NOTRE DAME  
AVERAGE COMPENSATION PER AAUP REPORTS

	<u>1978-79</u>	<u>1977-78</u>	<u>1976-77</u>	<u>1975-76</u>	<u>1974-75</u>	<u>1973-74</u>	<u>1972-73</u>
Professor	\$32,817	\$30,509	\$28,634	\$26,391	\$24,457	\$23,461	\$22,438
% Increase	7.6	6.5	8.5	7.9	4.2	4.6	4.4
Assoc. Professor	25,261	23,405	21,915	20,039	18,873	18,063	17,398
% Increase	7.9	6.8	9.4	6.2	4.5	3.8	6.2
Asst. Professor	19,743	18,326	16,902	16,037	15,058	14,421	14,180
% Increase	7.7	8.4	5.4	6.5	4.4	1.7	6.9
Instructor	16,974	16,559	14,611	12,886	12,053	11,441	11,201
% Increase	2.5	13.3	13.4	6.9	5.3	2.1	13.8
All Ranks	\$26,116	\$24,147	\$22,415	\$20,581	\$19,094	\$18,148	\$17,673
% Increase	8.2	7.7	8.9	7.8	5.2	2.7	7.0

Table 3

AVERAGE SALARY FOR CONTINUING TEACHING AND RESEARCH MEMBERS ON FACULTY  
in 1978-79 and 1977-78

	<u>Number</u>	<u>1978-79</u>	<u>1977-78</u>	<u>Increase</u>	<u>% Increase</u>
Professor	146	\$28,343	\$26,178	\$ 2,165	8.3
Assoc. Professor	151	21,948	20,134	1,814	9.0
Assist. Professor	126	17,268	15,897	1,371	8.6
Instructor	5	15,880	14,540	1,340	9.2
All Ranks	428	\$22,681	\$20,883	\$ 1,798	8.6

Note: Salaries are computed on a nine-month basis.



## Faculty Senate Journal

### January 22, 1979

At 7:36 p.m. the chairman, Prof. Vincent P. DeSantis, called the meeting to order in Room 210 of the Center for Continuing Education and asked Prof. Dolores Frese to offer the prayer. The Journal for Dec. 5, 1978 was approved unanimously with no revisions. In presenting the Chairman's Report, DeSantis noted briefly that, due to the large number of errors in the printing of the Journal for Nov. 6, 1978, a corrected reprinting would appear in the next Notre Dame Report. DeSantis then reported to the senate that its retirement resolution of Dec. 5, 1978 had been forwarded to the President, the provost, and to every member of the Board of Trustees, and read Rev. Theodore M. Hesburgh's sympathetic reply which stated that he had referred the resolution to the provost for action. Upon receiving Hesburgh's reply, DeSantis continued, he had met with the provost, and had been advised by him that a decision regarding the "optional continued employment" policy would be shortly forthcoming. DeSantis stressed the urgency of the issue for all projected 1979 retirees, and his own optimism that a favorable decision would be made.

DeSantis next reported to the senate that, at a meeting between himself and the provost on Jan. 19, he had been informed that a decision regarding a new social security cutoff level had been reached by the administration. Reminding the senate that, beginning January, 1979, the new national cutoff rate is 22.9, DeSantis noted that the University would maintain the same rate until September, 1979, but would then lower it to 18.9. In response to a question from Katharina J. Blackstead as to how long the 18.9 cutoff would be maintained, DeSantis replied that it was his impression that it would remain constant throughout Prof. Timothy O'Meara's tenure as provost.

A brief discussion followed. Prof. Arvind Varma asked whether Prof. Herbert E. Sim would prepare a final report on the determination of the cutoff level, to which DeSantis replied that he assumed the Sim Committee would make a recommendation to the provost.

Lastly, DeSantis noted that since the faculty at large is uninformed regarding the various ramifications of the social security issue, he requested that Sim compose an explanatory statement for distribution to all faculty. Because Sim's committee will not be producing such a statement, DeSantis and his small "social security" committee were preparing to generate an information statement for incorporation into the Journal for Feb. 13. DeSantis asked for objections. The senate supported his action by voicing none.

Prof. Wm. Phillip Helman inquired as to how the 18.9 figure was derived. DeSantis replied that he did not know, but that he was pleased with the decision.

Speaking for the Committee on Administration, Prof. Charles Parnell reported that the committee had not met since the December senate meeting.

Several senators commented that the Committee on Faculty Affairs had transacted no new business, but that Prof. L. Irvine would report on the responses to his "excellence at Notre Dame" letter at the February meeting.

DeSantis expressed his disappointment in the progress of the FAC vis-a-vis the salary comparison charge which he had directed to it.

In response to an inquiry from Frese as to the progress of the Committee on the Status of Women, Prof. Moira Geoffrion replied that to date no volunteers have come forth to serve on this body, but that she has contacted some administrators for information.

DeSantis next reported briefly on a meeting held on the morning of Saturday, Jan. 20, which the Board of the Alumni Association arranged with members of the senate's Executive Committee. Topics discussed includes; social security, salaries, retirement, the condition of faculty offices in the library, on-and off-campus student housing, overcrowding, alcohol abuse and student security. DeSantis expressed disappointment that the meeting was arranged on very short notice and that only Profs. Paul F. Conway, Albert H. LeMay, Irwin Press and he were able to attend, and that insufficient time to thoroughly cover all topics of concern was allocated to it.

Speaking for the Committee on Student Affairs, LeMay reiterated its ongoing concerns in the areas of overcrowding, housing, alcohol use and abuse, student security and general welfare. All areas, LeMay continued, have been investigated, and at least some answers, projected statistics and/or commitments toward finding solutions have been received from appropriate administrators. LeMay noted the following committee priorities and commented briefly on each:

a. Housing/Overcrowding:

--Edmund T. Price, director of housing, has claimed that conditions will improve for the spring 1979 semester, but is somewhat sceptical regarding the fall 1979 semester.

--Construction of a new women's dormitory with facilities to accommodate 500 persons will not be completed for another two years.

--Accepting fewer students and requiring that South Bend residents and faculty children live off campus is neither acceptable nor possible.

b. Off-Campus Housing:

--Students in this category lack official representation on any University decision-making body despite the fact that they pay the same student activities fees as do on-campus students.

--No formal organization for off-campus students exists.

c. Welfare:

--Transfer students report feelings of neglect.

--Social space is lacking; Mr. Price has plans to provide some in LaFortune.

--The community at large appears to demonstrate a lack of concern for neighborhoods in which off-campus students must live.

--Bus service for off-campus students has begun and has been announced in The Observer.

LeMay concluded by stating that overcrowding, housing, off-campus isolation and social space will continue to be problems within the foreseeable future.

In addressing the area of alcohol use and abuse, LeMay reported much progress, in that educational as opposed to prohibitive programs and policies are being implemented on a campus-wide basis.

Security, continued LeMay, is being given a high priority. A new ambulance service has been provided, students are supplied with valuable information by the Security Department, Off-Campus Housing, University Housing as well as via The Observer. The security of women is being given special attention as increasing lighting, increased surveillance and and escort services go into effect.

Prof. Donald N. Barrett, LeMay and Press next discussed various aspects of off-campus security, including the role of the South Bend police force in maintaining student safety, and the obligation of the University of educate its students for off-campus life.

In response to a request from Prof. John J. Kennedy that student alcoholism programs be elaborated upon, LeMay read a memorandum to him from Peggy Cronin, alcohol and drug counselor, which outlined the increasing number of alcohol awareness, group counseling and residence hall programs available to Notre Dame students.

The meeting was recessed at 8:10 p.m. and reconvened at 8:20 p.m. with the Treasurer's Report, in which Press noted that the senate has \$1,500 of its budget unspent and invited recommendations for constructive utilization of the funds in question.

Under Old Business, Sr. Margaret Suerth, O.S.B., inquired as to the status of the proposed amendment to the senate bylaws (text in the Journal for Dec. 5, 1978). DeSantis and Blackstead replied that since a majority of senators were not in attendance, the voting would be postponed until the February meeting.

In response to a question from Varma as to the power of the Alumni Board, DeSantis and Press both expressed strong positive feelings regarding its power and influence.

Under New Business, Mr. James G. Neal, in behalf of the Library Faculty, requested the senate's assistance in reconciling and/or clarifying a discrepancy between the wording on p. 56 of the Faculty Handbook, 1978-79 and the "Application for Faculty, Faculty Spouse, Faculty Child, Staff Tuition Scholarship" form issued by the Office of Advanced Studies on Dec. 11, 1978. Neal read the following passage from the Handbook:

### Free Course Privileges

In order to make the academic resources of the University of larger benefit to the faculty and their spouses, the University provides a scholarship of up to three credit hours each semester in the Academic Year and in the Summer Session for regularly scheduled academic courses.

The benefit is available to all full-time faculty and their spouses. Faculty here includes Teaching and Research, Special Research, Library and Special Professional. In addition, the benefit is available to Postdoctoral Research Associates and their spouses.

Academic study must not infringe upon services expected of the Faculty or Postdoctoral Research Associates. Approval of the immediate supervisor is required.

Each individual seeking enrollment in an academic course must satisfy all academic requirements subtending the course. If the individual desires to use the course credit in a degree program, he or she must apply for admission to and be accepted by the specific academic unit having jurisdiction over the degree program.

The maximum number of credit hours allowable in any given semester is three, regardless of the conditions under which the applicant is enrolled (i.e., audit or credits toward a degree). The applicant will be charged at the standard rate for each credit above three for which he or she is enrolled.

Neal then pointed out the conflicting wording on the form in question by reading its initial paragraph:

"Eligible applicants are reminded that this scholarship program is intended to permit the users to update their information; it is not intended to support individuals in a degree program. The accumulation of 30 hours toward a Master's degree at the rate of 3 credit hours per semester, for instance, does not constitute a valid Notre Dame graduate program. All our degree programs include a residency requirement and 3 credits per semester do not meet this requirement."

In the discussion which followed, DeSantis expressed his conviction that the Faculty Handbook was the highest authority in the University and could not be changed by any single directive from a particular office. Several senators supported his view of the matter.

After some discussion as to alternate avenues of approach, Press suggested that the chairman of the senate simply contact the Administration for clarification of its intentions. There being no objections, DeSantis assured Neal that he would so proceed.

The meeting was adjourned at 8:58 p.m.

Those absent but not excused: Paul Anderer, modern and classical languages; Reginald Bain, speech and drama; John Connaughton, law; Howard P. Lanser, finance and business economics; Barth Pollak, mathematics; Rufus Rauch, emeritus, English; J.K. Thomas, chemistry; Ronald H. Weber, American studies.

Respectfully submitted,

Katharina J. Blackstead  
Secretary

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- 271 The Indiana Committee for  
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- 275 Closing Dates for Selected  
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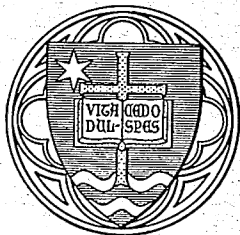
### documentation

- 275 Salaries, Tenure and Fringe  
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- 277 Faculty Senate Journal  
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