

'77-'78

notre dame report

contents

January 20, 1978

the university

- 219 Cabot Guest Professorship
- 219 Correction
- 219 Teacher Exams Scheduled

faculty notes

- 220 Appointments
- 220 Honors
- 221 Activities

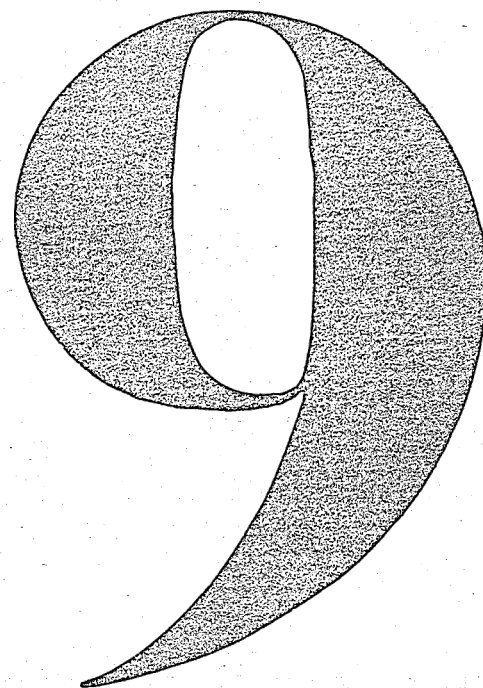
office of advanced studies

- Notes for Principal Investigators
- 222 Department of Energy (DOE)
Unsolicited Research Proposals
Information Circulars
- 222 The John Dewey Foundation
and the Center for Dewey
Studies The John Dewey Essay
Project (No. FY78-114)
- 222 Eisenhower Memorial Scholar-
ship Foundation, Inc.
Graduate Scholarship Program
(No. FY78-115)
- 223 National Institute of Health
Studies of Diabetes Melitus
and Related Problems
(No. FY78-116)
- 223 Oak Ridge Associated Univer-
sities 1978 Department of
Energy Fossil Energy Faculty
Rotator Program (No. FY78-117)

- 224 National Science Foundation
Information Science Research
(No. FY78-118)
- 224 American Foundation for the
Blind, Inc. Doctoral Research
in the Social Sciences on
Issues Related to Blindness
and Severe Visual Impairment
(No. FY78-119)
- 225 American Heart Association
Indiana Affiliate, Inc.
Grants-in-Aid and Fellow-
ship Awards--1978-79
(No. FY78-120)
- 225 National Endowment for the
Arts U.S./Japan Fellowship
Program (No. FY78-121)
- 225 Current Publications And
Other Scholarly Works
- Monthly Summary
- 227 Awards Received
- 228 Proposals Submitted
- 230 Summary of Awards Received
and Proposals Submitted
- 230 Closing Dates for Selected
Sponsored Programs

documentation

- 231 Faculty Senate Journal
November 9, 1977
- 235 Additions: NDR #4



the university

Cabot Guest Professorship

The Cabot Corporation of Boston, Mass. has established the Cabot Guest Professorship in the Department of Metallurgical Engineering and Materials Science at Notre Dame. Stanley T. Wlodek, director of Stellite R/D Department, Cabot Corporation, will hold the appointment during the spring, 1978 semester. Wlodek is a Fellow of the American Society for Metals, and is well-known for his research on elevated temperature materials.

The initial period of the professorship is one semester, although its duration may extend to two years. The purpose of the faculty position is to allow senior practicing engineers to interact in the classroom and laboratory with undergraduate and graduate engineering students.

Correction

In the United Way item in Notre Dame Report #7 on page 192, the figures for the years of the contribution breakdowns were inadvertently reversed. The correct listing should read as follows:

1976	1977		
(379)	349	Faculty	\$32,880.80
(152)	154	Administrators	9,176.78
(480)	697	Staff	9,525.76
	18	Retirees	695.00
		Students	4,647.78
		Special Gifts	3,850.00
		Direct Pledges	1,851.40
		Total	\$62,627.52

Teacher Exams Scheduled

National Teacher Examinations (NTE) have been scheduled for Notre Dame on Feb. 18. Scores in these examinations are used by states for certification of teachers, by school systems for selection and identification of leadership qualities, and by colleges as part of their graduation requirements. Additional registration information may be obtained from Peter P. Grande, chairman of the Notre Dame Committee on Teacher Education. Deadline for registration is Jan. 26.

Prepared and administered by Educational Testing Service of Princeton, N.J., the tests are designed to measure knowledge gained from professional and general education and in 26 subject-matter fields.

Vol. 7, No. 9

Jan. 20, 1978

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

Second-class postage paid at Notre Dame, Indiana.

©1978 by the University of Notre Dame, Notre Dame, Indiana 46556. All rights reserved.

faculty notes

Appointments

Rev. Jerome Knoll, C.S.C. has been appointed Chaplain for University staff personnel and will be responsible for spiritual assistance to all employees in times of sickness or deaths in the family. The chaplain will also arrange other religious activities to foster the employees' spiritual welfare such as daily mass on campus and evenings of recollection. Father Knoll will coordinate his activities with Rev. William Toohey, C.S.C., director of Campus Ministry, and will be assisted by Bro. Paul Loos, C.S.C.

Honors

Harvey Bender, professor of biology, has been appointed a consulting editor for Mental Retardation, the journal of the American Association on Mental Deficiency.

Francis J. Castellino, professor of chemistry, has been elected fellow of the New York Academy of Sciences.

Philip Gleason, professor of history, became president of the American Catholic Historical Association at the 58th annual meeting on Dec. 28 in Dallas. Prof. Gleason presided at the Presidential Luncheon on Dec. 29.

Nathan O. Hatch, assistant professor of history, has been named to edit a volume of Jonathan Edwards's manuscript sermons for the Yale edition of the Works of Edwards.

John Matthias, associate professor of English, along with collaborator Goran Printz-Pahlson, have been awarded a translation prize of \$1,500 by the Swedish Institute and the Anglo-Swedish Literary Foundation for renderings of contemporary Swedish poets which will appear in an anthology published by Anvil Press.

Walter Nicgorski, associate professor in the general program of liberal studies, has been appointed a reviewer in the Division of Public Programs of the National Endowment for the Humanities.

Morris Pollard, director of Lobund Laboratory and chairman and professor of microbiology, has been named a member of the Scientific Advisory Council of the National Institute of Preventive Gynecology and Human Reproduction, Rio de Janeiro, Brazil.

George E. Sereiko, assistant director of Public Service in the Memorial Library, is serving on the Executive Committee of the History Section of the Reference Services Division of the American Library Association as the immediate past chairman, and has been appointed to the section's Nominating Committee.

Anthony M. Trozzolo, Huisking professor of chemistry, was elected chairman-elect for 1978 of the St. Joseph Valley Section of the American Chemical Society.

Activities

Willis E. Bartlett, associate professor of psychology, presented a paper entitled "Contemporary Approaches to Psychotherapy" at a meeting of the Northern Indiana Psychiatric Association in LaPorte, Ind. on Nov. 30.

Subhash Basu, associate professor of chemistry, presented a paper "Biosynthesis *in vitro* of Fucose-containing Glycolipids in Human Neuroblastoma IMR-32 Cells" at the "Structure and Functional Significance of Membrane Glycolipids" Conference held at the East-West Center of the University of Hawaii in Honolulu on Oct. 4-7. Professor Basu was also co-chairman of the session "Recognition, Immunology and Cancer."

Gene M. Bernstein, assistant professor of English, delivered a lecture on "Robert Altman's 'Buffalo Bill and the Indians or Sitting Bull's History Lesson': A Self-Portrait in Celluloid," at the Rocky Mountain Modern Language Association Annual Meeting in Las Vegas, Nev., on Oct. 22.

John T. Cacioppo, assistant professor of psychology, participated in a college teacher course on Biofeedback at Miami University of Ohio on Nov. 21-22 sponsored by the American Association for the Advancement of Science and the National Science Foundation.

Carvel Collins, professor of English, was an invited speaker at a conference of staff members from a group of 92 educational television stations sponsored by the National Endowment for the Humanities in Atlanta, Dec. 8-9.

Moirra Geoffrion, assistant professor of art, had one print included in a group invitational exhibition in Houston, Tex. during November and December.

Nathan O. Hatch, assistant professor of history, spoke to the Harvard Early American History Study Group on "War, Social Change, and the Revolution in New England Dissent" on Nov. 20.

Rev. Theodore M. Hesburgh, C.S.C., president of the University, was interviewed on NBC-TV's "Meet the Press" at noon (EST) on Dec. 25. Interviewers were John Deedy, managing editor of Commonweal magazine; Edward B. Fiske, education editor of The New York Times, and NBC correspondent Carole Simpson.

Donald P. Kommers, professor of government and international studies, discussed recent political developments and their likely impact upon German-American relations with political officials, academicians and media representatives in a study tour of West German cities, Dec. 9-21.

Jay A. Labinger, assistant professor of chemistry, presented a lecture at Indiana University-South Bend entitled "Cyclic Voltammetry" on Nov. 30.

Daniel J. Pasto, professor of chemistry, presented a lecture entitled "Transition Metal Catalyzed and Noncatalyzed Reactions of Propargyl Halides with Grignard Reagents" at Bowling Green University, Bowling Green, Ohio on Dec. 7.

Juan C. Scaiano, assistant professional specialist in the Radiation Laboratory and Richard Small, research associate, presented the paper "Effect of Oxygen on Biradical Behavior" at the 13th Informal Conference on Photochemistry held at Clearwater, Fla., Jan. 3-7.

James H. Seckinger, associate professor of law, was the director of the Trial Advocacy Workshop, Michigan Institute for Continuing Legal Education, Detroit, Mich., Dec. 1-3.

J. Kerry Thomas, professor of chemistry, presented a seminar entitled "Effect of Micelles on Radiation Induced Reactions" at Oak Ridge National Laboratory, Oak Ridge, Tenn. on Oct. 24, and a seminar entitled "Effect of Phase on Photoionisation" at the University of Tennessee, Knoxville, on Oct. 25.

John J. Ubran, associate professor of electrical engineering, gave the talk "Careers in Electrical Engineering" at St. Joseph's High School on Dec. 7 in South Bend. On Dec. 15 he gave a talk to the Michiana Section of the Institute of Electrical and Electronic Engineers (IEEE) entitled "The Age of the Microcomputer" at the CCE. He and William I. Davison, professor of economics, gave four two-day seminars on Modelling and Simulation as part of the American Association for the Advancement of Science National Science Foundation (AAAS NSF) Chautauqua program, Oct. 17-28, at the University of Iowa, Iowa City; the University of Missouri, Kansas City; Christian Brothers College, Memphis; and Miami University, Oxford, Ohio.

James D. Whitehead, adjunct assistant professor of theology, presented a paper "The Sinicization of the Vimalakirtinirdesa Sutra," at the Chinese Religions Section of the American Academy of Religion in San Francisco on Dec. 29.

office of advanced studies

Notes for Principal Investigators

Department of Energy (DOE) Unsolicited Research Proposals

Both the Atomic Energy Commission and the Energy Research and Development Administration used to send project renewal packages to investigators at institutions reminding them of requirements for project renewal. The new Department of Energy procurement regulations are such that renewal reminder packages will no longer be distributed. Initiative for submission of renewal proposals must now be taken by principal investigators.

Unsolicited proposals are to be sent to: Procurement and Contracts Management Directorate, Unsolicited Proposal Coordination, Room 308, Department of Energy, 400 1st Street, N.W., Washington, D.C. 20545

Information Circulars

The John Dewey Foundation and the Center for Dewey Studies The John Dewey Essay Project

No. FY78-114

The John Dewey Foundation and the Center for Dewey Studies has announced the John Dewey Essay Project, open to matriculated graduate students.

1978 Theme:
John Dewey's Social and Political Philosophy.

Length:
Under 10,000 words.

Awards:
\$1,000 and \$500.

Deadline:
June 1, 1978.

Decision:
September 15, 1978.

For further information contact:

Miss Jo Ann Boydston, Director
Center for Dewey Studies
Southern Illinois University at Carbondale
Carbondale, Illinois 62901

Eisenhower Memorial Scholarship Foundation, Inc. Graduate Scholarship Program

No. FY78-115

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

Stipend:
Not less than \$1,000 nor more than \$3,000. The use of scholarship awards is unrestricted.

Eligibility:
A candidate must be a citizen of the United States.

Deadline:
February 1, 1978.

For further information contact:

Eisenhower Memorial Scholarship Foundation, Inc.
P.O. Box 1324
Bloomington, Indiana 47401

Applications are available from the Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7433.

National Institute of Health Studies of Diabetes Melitus and Related Problems

No. FY78-116

National Eye Institute
National Heart, Lung and Blood Institute
National Institute of Allergy and Infectious Diseases
National Institute of Arthritis, Metabolism and
Digestive Diseases
National Institute of Child Health and Human
Development
National Institute of Dental Research
National Institute of Neurological and Communicative
Disorders and Stroke
National Institute on Aging

The above-named Institutes of the National Institutes of Health invite applications for research grants in the general area of diabetes melitus and related problems.

Some areas of research interest are as follows. They are not listed in any order or priority. Moreover, these are examples only; other areas of research may occur to the applicant which are related to diabetes and which are anywhere along the research spectrum.

- Etiology, pathogenesis, natural history, treatment
- Mechanism of hormone action
- Hormone synthesis and secretion
- Glucose homeostasis
- Diagnosis
- Metabolic regulation
- Viruses, immunology
- Genetic factors
- Epidemiology
- Nutrition, obesity
- Transplantation, artificial devices
- Vascular complications: Large and small vessels, eye, heart
- Renal complications
- Experimental animal models
- Diabetes and aging
- Dental complications
- Neurological complications
- Pregnancy and diabetes
- Infants of diabetic mothers

Oak Ridge Associated Universities 1978 Department of Energy Fossil Energy Faculty Rotator Program

No. FY78-117

Faculty members in Engineering, Chemistry and Mechanical Engineering are invited to submit applications for appointments during the summer of 1978 at the Department of Energy (DOE) -- Fossil Energy, Washington Office, for participation in the technical review of fossil energy research and development proposals and projects. Appointments are generally for ten weeks. A few longer appointments are possible, especially if the appointment is combined with a sabbatical.

Qualifications:

1. Chemical or Mechanical Engineers or Chemists specializing in catalytic coal gasification or liquefaction, or in coal combustion.
2. Chemical Engineers with expertise in underground coal-gasification research process modeling and process design, and with fluid-flow competence or with capability to evaluate oil-shale processing technology.
3. Engineers experienced in petroleum or natural gas extraction or processing.

Stipend:

Monthly stipends are negotiable, based on, but not to exceed, regular salaries plus \$75 per month when participant is accompanied by dependents. Participants will be reimbursed for one round-trip coach air fare between their home institutions and Washington, D.C. or 15 cents per mile if travel is by private automobile.

Applications:

Applications should be requested from the address given below and must be accompanied by a brief statement of 300-500 words describing applicable research and research-administration experience.

Deadline:

February 6, 1978. Appointments will be announced by March 15, 1978.

Write to:

Faculty Rotator Program
University Programs
Oak Ridge Associated Universities
Post Office Box 117
Oak Ridge, Tennessee 37830
Telephone: (615) 483-8411 ext. 307

National Science Foundation Information Science Research

No. FY78-118

The National Science Foundation has issued a new announcement for its program on Information Science Research. The new announcement supersedes three previous program announcements and two brochures from its Office of Science Information Service and the Division of Science Information. The new announcement describes the Foundation's plans to expand and strengthen its information science research program. The program includes support for:

- Fundamental information science research - with emphasis on strengthening the conceptual and theoretical foundations of this emerging discipline;
- Applied information science research - with emphasis on increasing knowledge about human, social, economic and technological factors affecting the transfer and use of scientific and technical information; and
- Descriptive and analytical studies - with emphasis on describing and analyzing major changes in the operation of the scientific and technical communication system in the United States.

Examples of potential research topics are:

- Conceptual and theoretical analyses of the characteristics of information and information transfer processes.
- Studies of cognitive processes underlying human information acquisition.
- Investigations of the fundamental properties of language and human information processing.
- Measurement of the value of information.
- Development of conceptual bases for question-answering retrieval systems (also called knowledge, fact or associative retrieval systems).

These are examples only and are not intended to limit the areas of investigation.

Proposals may be submitted at any time. Review generally requires 6 to 7 months. This means that proposals should be received by January 31, 1978 to ensure possible initiation prior to the end of the fiscal year (September 1978). For proposals received by June 1978, decisions should be in time to allow projects to begin by the end of 1978.

American Foundation for the Blind, Inc. Doctoral Research in the Social Sciences on Issues Related to Blindness and Severe Visual Impairment

No. FY78-119

The Social and Demographic Research Division of the American Foundation for the Blind has announced its 1978 competition for partial funding of doctoral dissertation research.

Funding:

The total amount to be awarded is \$5,000 which will be allocated to one or more doctoral student research projects.

Academic Disciplines:

Sociology, Social Work, Gerontology, Political Science, Public Health, Psychology, Education, Anthropology, Epidemiology, Economics as well as other sciences, broadly defined.

Priorities:

- * Problems of visual impairment related to aging.
- * Improving education or employment of blind and visually impaired individuals.
- * Provision of low vision services.

Specifications:

Proposals should be typed double-spaced, maximum 25 pages, submitted in duplicate. Each proposal must be accompanied by a letter indicating its acceptance as a doctoral dissertation research project, signed by a dissertation advisor. A time-table and budget should be included.

Deadline:

April 1, 1978.

For further information contact the Office of Advanced Studies, Research and Sponsored Programs, Extension 7433 or write to:

Miss Corinne Kirchner
Director of Social and Demographic Research
American Foundation for the Blind
15 West 16th Street
New York, New York 10011

American Heart Association Indiana Affiliate, Inc. Grants- in-Aid and Fellowship Awards — 1978-79

No. FY78-120

Grants-in-Aid:

The primary purpose of Grants-in-Aid is to support basic and clinical research in cardiovascular function or disease, or in related fundamental problems and to promote the coordination of such investigations and the useful application of their results. Individual Grants-in-Aid not exceeding \$8,500 per annum will be considered.

Fellowships:

The training of qualified persons as research investigators is held as a major objective by the Affiliate. Individual fellowships will only be considered from researchers who have adequate facilities and supervision.

Research Fellowship (Post-doctoral):

The training of qualified persons as research investigators and teachers in the cardiovascular field is held as a major objective by the Affiliate. Individual Fellowships will be considered only from researchers who have adequate facilities and supervision.

John B. Hickam Memorial Fellowship:

The Affiliate has established the Hickam Memorial Fellowship as a living tribute to Dr. John B. Hickam, late professor of medicine and chairman of the Department of Medicine, Indiana University Medical Center. The Fellowship is provided to further the training of an outstanding person in some aspect of cardiovascular function or disease.

Due Date for Proposals:

March 15, 1978, for awards to begin on July 1, 1978.

National Endowment for the Arts U.S./Japan Fellowship Program

No. FY78-121

The National Endowment for the Arts has announced American participation in an arts exchange fellowship program with Japan. The program is sponsored jointly by the National Endowment for the Arts and the Japan-United States Friendship Commission in the United States and the Agency for Cultural Affairs of Japan.

The fellowships will support five mid-career practicing artists from each country who have demonstrated potential for leadership in their professions. Fellowships for Americans are available for 6-9 month periods in the fields of Architecture, Dance, Visual Arts, Theater and Crafts.

The Endowment is responsible for nominating the American participants and administering the Japanese fellowship program within the United States in cooperation with the Japan-United States Friendship Commission. The American artists selected will receive stipends of up to \$15,000 in addition to transportation and other expenses to pursue their professional work in Japan.

Because of time limits, nominations for fellowships for the program's first year will be made by the national advisory panels of the Arts Endowment. Selections for subsequent years of the Exchange Program will be by open application to individual Endowment programs.

Final selections will be made by a high level bi-national committee established for the purpose by the three sponsoring agencies.

For further information, contact: Kathleen Bannon, US/Japan Program Officer, National Endowment for the Arts, Washington, D.C. 20506, (202) 634-6380.

Current Publications And Other Scholarly Works

ARTS AND LETTERS
HUMANISTIC AND SOCIAL STUDIES

Economics

Leahy, William H.

W.H. Leahy. 1977. Wallace Metal Products, Ins. and Upholsterers Local 589. Pages 4109-4115 in, Labor Arbitration Awards. Commerce Clearing House, Chicago, Illinois.

SCIENCE

Chemistry

Grieser, Franz

*K. Kalyanasundaram, F. Grieser and J.K. Thomas. 1977. Room temperature phosphorescence of aromatic hydrocarbons in aqueous micellar solutions. Chemical Physics Letters 51(3):501-505.

Thomas, J. Kerry

*K. Kalyanasundaram, F. Grieser and J.K. Thomas. 1977. Room temperature phosphorescence of aromatic hydrocarbons in aqueous micellar solutions. Chemical Physics Letters 51(3):501-505.

* Under the Radiation Laboratory

Mathematics

Phan, Kok-Wee

K.W. Phan. 1977. On groups generated by three-dimensional special unitary groups II. The Journal of the Australian Mathematical Society 23:129-146.

BUSINESS ADMINISTRATION

Accountancy

Pattillo, James W.

J.W. Pattillo. 1977. Zero-Base Budgeting: A Continuing Education Course. National Association of Accountants. 350 pp.

J.W. Pattillo. 1977. Zero-Base Budgeting (self-study course) tape and book. National Association of Accountants. 130 pp.

Management

Eagan, William F.

W.F. Eagan. 1977. The enforcement of anti-pollution regulations with special consideration of the Reserve Mining case. Selected Papers of the American Business Law Association National Proceedings 1:360-376.

Houck, John W.

O. Williams, CSC and J.W. Houck. 1977. Christians in the business world: A story of challenge and promise. Serran 34(3):8-9.

MEDIEVAL STUDIES

Berkhout, Carl T.

C.T. Berkhout. 1977. Old english research in progress 1976-1977. Neuphilologische Mitteilungen 78:268-276.

RADIATION LABORATORY

Patterson, Larry K.

L.K. Patterson, R.D. Small, Jr. and J.C. Scaiano. 1977. Reaction of paraquat radical cations with oxygen. A pulse radiolysis and laser photolysis study. Radiation Research 72:218-225.

Scaiano, Juan C.

R.D. Small, Jr. and J.C. Scaiano. 1977. Photochemistry of phenyl alkyl ketones. The life-time of the intermediate biradicals. Journal of Physical Chemistry 81(22):2126-2131.

L.K. Patterson, R.D. Small, Jr. and J.C. Scaiano. 1977. Reaction of paraquat radical cations with oxygen. A pulse radiolysis and laser photolysis study. Radiation Research 72:218-225.

Small, Richard D.

R.D. Small, Jr. and J.C. Scaiano. 1977. Photochemistry of phenyl alkyl ketones. The life-time of the intermediate biradicals. Journal of Physical Chemistry 81(22):2126-2131.

L.K. Patterson, R.D. Small, Jr. and J.C. Scaiano. 1977. Reaction of paraquat radical cations with oxygen. A pulse radiolysis and laser photolysis study. Radiation Research 72:218-225.

Monthly Summary

Awards Received

IN THE MONTH OF DECEMBER, 1977

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
AWARDS FOR RESEARCH				
Metallurgical Eng.	Fiore	Hydrogen up-take in austenitic stainless steels	Welding Res. Council	2,000 12
Aerospace Mech. Eng.	Biles	Computer simulation model of material handling operation	F. Joseph Lamb Co.	10,000 6
Biology	Saz	Intermediary metabolism of helminths	Natl. Inst. Health	94,596 12
Electrical Eng.	Gajda	Electrical properties of advanced composite materials	RADC - Syracuse Univ.	8,000 4
Electrical Eng.	Gabriel	Mechanism of coil damage	Natl. Aero. Space Admin.	16,000 10
AWARD FOR EQUIPMENT				
Chemical Eng.	Varma	Equipment for catalytic reaction engineering	NALCO Fdtn.	7,500 12
AWARD FOR EDUCATIONAL PROGRAM				
Aerospace Mech. Eng.	Jolles	Mechanics I and II	Exxon Educ. Fdtn.	5,988 12
AWARD FOR SERVICE PROGRAM				
College Bus. Admin.	Benulien	Small business institute	Small Bus. Admin.	4,750 9

Proposals Submitted

IN THE MONTH OF DECEMBER, 1977

Department or Office	Principal	Short title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Civil Eng.	Katona, Kelsey, Meinheit	New structural concepts for culvert installations	Fed. Highway Admin.	54,436 12
Aerospace Mech. Eng.	Nelson	Influence of low level wind shear on aircraft	Fed. Aviation Admin.	65,739 24
Aerospace Mech. Eng.	Nelson	Influence of low level wind shear on aircraft	U.S. Air Force	65,739 24
Inst. Urban Studies	Broden	National neighborhood identification program	Housing and Urban Develop.	102,625 12
Metallurgical Eng.	Cullity	Respirable silica generation	Wheelabrator Frye Corp.	1,500 2
Electrical Eng.	Sain, Leakes	Alternatives for jet engine control	Natl. Aero. Space Admin.	36,842 12
Electrical Eng.	Gajda, Kwor	Electrical properties of advanced composite materials	RADC - Syracuse Univ.	8,670 4
Aerospace Mech. Eng.	Nee	Smoke detector siting	Natl. Fire Prev. Cont. Admin.	66,524 12
Biology	Tweedell	Control of egg maturation in a marine annelid	Natl. Sci. Fdn.	32,088 18
Theology	Blenkinsopp	Biblical patterns in biblical narrative	Assocn. Theol. Schools	8,000 9
Philosophy	Caponigri	Bernard Berenson and Benedetto Croce	(private fdtn.)	5,562 --
Aerospace Mech. Eng.	Nelson, Roberts	Separation dynamics of sabotaged models	U.S. Army	9,350 6
Center Study Man	Tavis	Multinational managers and poverty in the third world	(private fdtn.)	82,533 20
Government Internatl. Stud.	Walshe	The Christian Institute of Southern Africa	Cent. Mission Studies, Mary Knoll	29,640 10
Law School	Trai Le	French and American legal ethics	(private fdtn.)	27,132 12
Chemistry	Freeman	Synthesis by heterocyclic cycloaddition	Natl. Inst. Health	63,941 12
Economics, Aeros. Mech. Eng.	Davisson, Biles	Flaw and utilization of science and technology	Natl. Sci. Fdn.	34,931 6.5
Aerospace Mech. Eng.	Mueller, Nelson	Visualization of boundary layer on spinning bodies	U.S. Army	86,770 24
Center Study Man	Arnold	Presidency and executive reorganization	Ford Fdn.	56,276 33
Accounting	Rueschoff	Role of UN, international and regional accounting systems	Natl. Sci. Fdn.	32,071 7.5
Center Study Man	Schmidt	The FAO Fisheries Dept.	Natl. Sci. Fdn.	39,180 12
Microbiology - Lobund Lab.	Pollard, Asano	Colo-rectal carcinogenesis in germfree rats	Natl. Inst. Health	50,455 12

Department or Office	Principal	Short Title	Sponsor	Dollars Months
PROPOSALS FOR EDUCATIONAL PROGRAMS				
Biology	Weinstein	Experimental parasitology and rector biology	Natl. Inst. Health	83,261 12
Chemistry	Winicur	Science faculty professional development program	Natl. Sci. Fdn.	23,067 12
Center Study Man	Santos	Mental health outreach program to serve the elderly	Natl. Inst. Mental Health	16,902 12
Chemical Eng.	Varma	Applied mathematics for scientists and engineers	(private fdtn.)	20,250 7
Philosophy	Mellema, Garson	Formal proofs in symbolic logic	Digital Equip. Corp.	31,971 12
Inst. Urban Studies	Broden	Intercultural training and demonstration program	U.S. Office Educ.	49,980 12
College Eng.	Marley	Minority introduction to engineering	Eng. Coun. Prof. Devel.	35,379 7
Inst. Urban Studies	Broden, Smith	Upward Bound	U.S. Office Educ.	197,898 12
Art	Geoffrion	Visiting artist program	Natl. Endow. Art	945 1
Inst. Urban Studies	Broden	Youth advocacy program development	U.S. Dept. Justice	295,974 12
Black Studies, Prog.	Stewart	Establishing the roots of neighborhood pride	U.S. Office Educ.	45,633 12
Center Study Man	Carlton	Conference on informed consent	Natl. Sci. Fdn.	32,775 6

Summary of Awards Received and Proposals Submitted

IN THE MONTH OF DECEMBER, 1977

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	2	\$ 102,560	3	\$ 28,000	5	\$ 130,560
Facilities and Equipment	1	7,500	-	-	1	7,500
Educational Programs	-	-	1	5,988	1	5,988
Service Programs	1	4,750	-	-	1	4,750
Total	4	\$ 114,810	4	\$ 33,988	8	\$ 148,798

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	3	\$ 95,967	19	\$ 864,537	22	\$ 960,504
Facilities and Equipment	-	-	-	-	-	-
Educational Programs	4	333,440	8	500,595	12	834,035
Service Programs	-	-	-	-	-	-
Total	7	\$ 429,407	27	\$ 1,365,132	34	\$ 1,794,539

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
National Endowment for the Humanities	Public Programs	February 23, 1978
Office of Education	College Library Resources Program	February 21, 1978

documentation

Faculty Senate Journal November 9, 1977

At 7:35 p.m. the chairman, Prof. Paul Conway, called the meeting to order in Room 202 of the Center for Continuing Education and asked Bro. Francisco Drury, C.S.C. to offer the prayer. The Faculty Journal for Oct. 10, 1977 was approved with modest revisions suggested by Prof. Paul Kenney and Prof. John Lyon. In the Chairman's Report, Conway mentioned (1) sending a letter of thanks to Rev. Theodore Hesburgh, C.S.C., for his participation in the Oct. 10, 1977 senate meeting; (2) receiving a letter from Prof. James Danehy regarding a possible misinterpretation of the Academic Manual (to be discussed later in the meeting); (3) receiving a letter from Bro. Just Paczesny, C.S.C., vice president for Student Affairs, informing him of the shift from the former Student Life Council to the present Campus Life Council and a consequent need for senate "appointment" of two representatives. Conway pointed out that five representatives had been nominated by the senate and elected by the faculty for the SLC last spring, and invited comment from the floor on the appropriate way to respond to the request. Prof. Sarah Daugherty, who has been the senate's ex officio representative on the SLC, remarked there were conflicting reports on precisely what the faculty's role on the Campus Life Council would be and how the transition should be made. She had heard both that the present five SLC representatives would be retained for the year and that only one faculty member would be attending the new CLC meetings--and that only every third time. In the discussion which followed, a motion was considered to declare the senate's intention to retain the five representatives for the year unless directed otherwise. The motion was withdrawn, however, when all agreed that it would be better simply to send a letter to Brother Just requesting clarification and indicating some desire to keep the five elected representatives on unless there were objections.

Conway then reported that he had been in touch with Charles McCollester regarding the course evaluation procedures mentioned at the last meeting. Besides indicating that he had no information the evaluations would be used any differently now than in the past, McCollester also clarified the "student signature" issue, Conway said. Students administering the evaluations will be asked to sign the envelopes certifying that they have followed the prescribed (unchanged) guidelines, and students delivering the evaluations (if different) will be asked to sign as well. McCollester also expressed sympathy, Conway said, for the faculty's understandable and guarded indignation over the issue--inviting a letter to this effect for use in future discussions of the evaluation procedures. Apparently the change in question had come directly from the Provost's Office.

Conway then asked Daugherty to report to the senate on the recent meeting of the Faculty Affairs Committee of the Board of Trustees (Oct. 20, 1977). In her remarks, Daugherty emphasized the responsiveness and seriousness of the trustees' attitudes. She said they seemed anxious to address constructively such substantive issues as faculty desires for consultation by the provost, meaningful participation in budget priorities decisions, economic parity with peer institutions, etc. Thomas Carney, chairman of the committee, was most enthusiastic and suggested two or three further meetings this year. "We need to take advantage of this opportunity," Daugherty said, for input on key issues at the top decision-making level, "but cogent argument, not vagueness" is demanded.

Conway added that there is senate access to the agenda of the trustees' committee and that he is its secretary. He then asked for questions from the floor. Prof. Richard Lamanna asked whether the senate might not look into having Carney appear at one of its future meetings for a dialogue (as had been suggested last spring). Conway said he would follow up on the suggestion.

Reporting for the Committee on Administration, Prof. James Dougherty then opened discussion on the statement which his committee had sent out with the agenda. The statement provided two motions for consideration (as opposed to passage)--one positive, the other negative--toward the concept of the provost-level review committee on appointments and promotions. He mentioned that a third possibility might be a re-endorsement of the senate's call (last spring) for a faculty appeals committee on appointments and promotions. Dougherty also suggested that the senate decide on an appropriate degree of "majority" without which the passage of a motion would be pointless. The consensus found that two-thirds was appropriate. After a brief, preliminary discussion among Profs. John Lyon, Irwin Press, Norman Haaser and Kenneth Goodpaster noting the difference between the senate's call last spring for an appeals committee and the issue at hand--a review committee--Prof. Sheridan McCabe invited comments pro and con. Dougherty responded by saying that on the "pro" side one could see the faculty review committee as providing a useful counterpoint to the purely administrative perspective at higher levels in the tenure and promotions process. On the "con" side, he said, there is the problem of the validity of cross-disciplinary judgments by faculty. Prof. Joan Aldous spoke for the "pro" view, urging that promotions and tenure decisions be "jealously guarded" by the faculty. Pointing out that the provost could be a scholar or a manager, she said that the faculty "can't have it both ways--either we want participation or we don't." Prof. Karl Kronstein agreed, insisting that we either let things go as in the past or decide to "supplement the wisdom of the deans." He said he would prefer to be judged by fellow faculty members.

Lyon then suggested that the "mechanism" of participation by faculty on the review committee be spelled out, since if dealing with an election he might be in favor of a higher faculty review, but if dealing with appointment of the committee by the provost he might not. Sr. Margaret Suerth remarked that in either case the ultimate decisions were not and would never be in the hands of the faculty.

Press then asked to what extent a precedent had already been set--to which Lyon replied that Rev. Ferdinand Brown, C.S.C. had said that the matter was being considered and he (Father Brown) would let us know. Press then expressed ambivalence about the review committee, confessing to being moved both pro and con (though more "pro" at the moment). Prof. Don Vogl then suggested that at the very least certain guidelines should be set having to do with fairness, elimination of prejudice and favoritism, etc.

Conway replied that we first must decide whether we want the review committee or not before guidelines could be discussed.

Dougherty said that she agreed with Press and came down "pro"--though insisting that the review committee (a) not be secret, (b) should avoid double-representation with respect to departmental A and P committees, and perhaps (c) have limited power to overturn departmental recommendations.

Press then said that the function of the committee was or should be to determine whether "a case is well made for an individual," and that guidelines might be provided for making a case even to the point of allowing the individual candidate to make it. Conway again suggested that discussion of guidelines should wait until after the basic idea of a review committee was discussed. Prof. Richard Lamanna disagreed, pointing out that the senate needed to know what sort of thing it was approving or disapproving. He had, for example, reservations about the review committee in its secret and 'ad hoc' forms.

McCabe then said that it might be better to try a vote on the negative motion rather than the positive one. A complicated discussion followed in which several motions were made and subsequently withdrawn. The upshot was a motion by Prof. Sonia Gernes (seconded by Prof. Thomas Patrick):

That the chairman appoint a joint (Faculty Affairs/Administration) Committee to study the principle of faculty representation in the provost-level review of promotions and tenure.

The motion passed with no dissent.

At this point Conway called on Katharina Blackstead to report for the Faculty Affairs Committee. Blackstead introduced her committee's proposal for a triple-option retirement policy for the faculty:

- Option I: Early Retirement (ages 62-65)
- Option II: Half-time Appointment (ages 65-70 at faculty member's discretion)
- Option III: Full-time Appointment (ages 65-70 at discretion of departmental CAP)

Mandatory retirement at age 70, subject to Congressional override.

She added that the Executive Committee of the senate had suggested including the departmental CAP's discretion under Option II.

The discussion which followed immediately involved some confusion as to the last-mentioned suggestion as well as the desirability of voting on the proposal without time to consider it carefully. But Haaser was assured that a vote would not be taken at this meeting, and Prof. Rufus Rauch was assured that the Executive Committee had not overstepped its authority in changing a committee proposal but had only suggested a modification. No change had been made in the wording of the proposal.

Discussion of the substance of the proposal followed: Lamanna pointed out that since a faculty member could not stay on beyond 65 simply with his departmental CAP's approval, Options II and III would be significant departures from current practice even if the Executive Committee's suggestion on II were included. Dougherty asked to whom the proposal, if passed, was addressed. Blackstead said that it would go to the Academic Council for inclusion in the Academic Manual. McCabe remarked that he understood present policy to involve a year-by-year consideration of faculty past 65 anyway. Blackstead acknowledged this but pointed out that her committee's proposal would allow for a five-year contract.

Lyon then asked how realistic it was to suggest that the CAP recommendation (under II or III) be final. Haaser added that he couldn't imagine the approval of a five-year contract under Option III. Press observed that there was nothing wrong with considering the possibilities. Lamanna suggested "sweetening" Option I. Daugherty pointed out that Options II and III were more substantial than one might think in view of the fact that some departmental CAPs refuse to consider faculty at 65. The present proposal would make that consideration a requirement at the discretion of the faculty member. Prof. Paul Bosco agreed.

Lyon then emphasized that "we be honest with ourselves--if we want CAPs to regularly consider such matters we are in effect encouraging older over younger faculty positions. Prof. Albert LeMay added that he thought 70 was too high an age to satisfy the administration and Prof. Emerson Funk pointed out that 27 out of 81 have stayed on beyond 65 in recent years.

Aldous commended the Faculty Affairs Committee for its work on the proposal and expressed interest in further study of the age-structure of the faculty in terms of post-World War II appointments and retirement trends through the 1980s. Blackstead said that she would be able to get the relevant data on this from the Personnel Office.

Lyon then mentioned that data would be helpful on the number of half-time faculty as well. He said he had checked on the increase of 50 faculty alluded to by Father Hesburgh at the last meeting and had found that most of it came in this category. Lamanna added that he was glad Lyon had checked on this matter and said the teaching load figures should also be looked at. Lyon observed that with respect to the part-time faculty increases, the cost to the University was doubtless much less (in terms of fringe-benefits, for example) than for full-time faculty.

At this point, Conway thanked Blackstead for her report and took up under "New Business" a letter from Prof. James Danehy asking that the senate address his being removed from the Faculty Committee on University Libraries (FCUL). He asked Press to report for the senate's Academic Manual Compliance Committee, which had looked into Danehy's complaint. Press said that his committee had found no strict grounds for non-compliance with the manual due to an explicit restriction to "teaching and research faculty" in the FCUL's description. He added that this restrictiveness was apparently not deliberate in any strong sense and that the manual was not consistent in its treatment of retiring faculty participation on committees. He and his committee thought that retiring faculty should be allowed to serve out (e.g. three-year) terms at the discretion of the other members of the committees in question as well as the provost. Conway pointed out, in support, that Danehy was continuing on the Faculty Affairs Committee of the Board of Trustees (without challenge) and that this made the handling of the FCUL matter rather inconsistent. Daugherty added that Prof. Paul McLane had served out his term in the senate after retiring, and that especially in view of Danehy's pending legal suit, the University should keep him on the FCUL until the end of his term.

Rauch then remarked that the intent of the writers of the manual seemed to be (Article 3, Section 10) that emeriti continue to use University facilities and teaching and research amenities. Why should they not continue to participate in the human resources of the University as well as such physical resources? Press agreed, adding that it was clear that the restrictive clause in the manual was more accidental than deliberate--to which Conway replied that the senate might want to propose changes to the manual to set things straight.

Daugherty then moved, seconded by Rauch, that:

The senate takes note that the provisions in the Academic Manual are inconsistent (with respect to eligibility to serve on University committees), and that in the interest of equity, Professor Danehy should continue to be eligible to serve on the Faculty Committee on University Libraries. This information is to be directed to the acting provost.

In discussion, Lyon pointed out that the administration could easily take the "equity" challenge in precisely the opposite direction (removing other emeriti). He also said that he couldn't imagine "how this could be useful given the pending legal case." Patrick called the question. The motion carried with five votes in opposition.

Press then suggested that the whole matter of emeriti rights of participation be remanded to the Faculty Affairs Committee for study.

II appointments and retirement trends through the 1980s. Blackstead said that she would be able to get the relevant data on this from the Personnel Office.

LeMay asked whether the senate might try to take some positive action on the subject of campus lighting in view of the attacks on two girls the night before. Daugherty pointed out that an administration committee was already working on this and that senate involvement might be redundant. Prof. Archie MacAlpin said that if movement on this issue is needed, redundancy may not be a problem. McCabe added that Security Director Arthur Pears had talked with the senate some years ago and that this might be a good idea again--suggesting further than the matter be taken up by the Student Affairs Committee.

The meeting adjourned at 10:10 p.m.

Budget report: expenditures for October were \$54.18; total expenditures for this fiscal year have been \$138, leaving a balance of \$1,761 (92.7 per cent).

Absent but not excused were: Donald Barrett, sociology and anthropology; Francis Castellino, chemistry; John Connaughton, law; Moira Geoffrion, art; Arthur Quigley, electrical engineering; James Robinson, English; Robert Rodes, law; Raymond Schoen, freshman year of studies; Kerry Thomas, chemistry; Ronald Weber, American studies.

Respectfully submitted,

Kenneth E. Goodpaster
Secretary

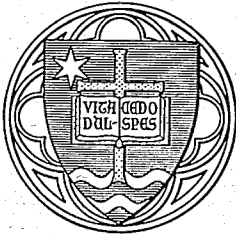
Additions: NDR #4

Please substitute this updated listing for the FACULTY COMMITTEE FOR UNIVERSITY LIBRARIES on page 101 of Notre Dame Report #4:

	<u>Term Expires</u>
Vincent P. DeSantis, Professor of History, Chairman	1980
Michael Crowe, Professor in the General Program (Member at large)	1979
John Lucey, Associate Professor of Aerospace and Mechanical Engineering	1980
Robert Scheidt, Associate Professor of Chemistry	1978
Thomas Schlereth, Assistant Professor of American Studies (Member at large)	1979
James Wittenbach, Associate Professor of Accountancy	1978

Dean Joseph C. Hogan
College of Engineering
Notre Dame, IN 46556

notre dame report



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

Valerie Zurblis, Editor
Printing and Publications Office, 415 Administration Building
Notre Dame, Indiana 46556
219:283-1234
