

'76-'77

notre dame report

contents

March 18, 1977

the university

- 305 President Carter to
Speak at Commencement
Exercises
- 305 Special Five-Day Seminar

faculty notes

- 306 Honors
- 306 Activities

office of advanced studies

Information Circulars

- 308 Council for International
Exchange of Scholars,
Fulbright-Hays Opportunities
Abroad 1977-78, 1978-79
(No. FY77-70)
- 308 National Science Foundation
NATO Advanced Study Institute
(No. FY77-71)
- 309 The Ford Foundation and the
Rockefeller Foundation, A
Research Program on Population
and Development Policy
(No. FY77-72)

- 310 Joint Institute for Advance-
ment of Flight Sciences, George
Washington University School
of Engineering and Applied
Science, National Aeronautics
and Space Administration,
Langley Research Center
(No. FY77-73)

- 310 Current Publications and
Other Scholarly Works

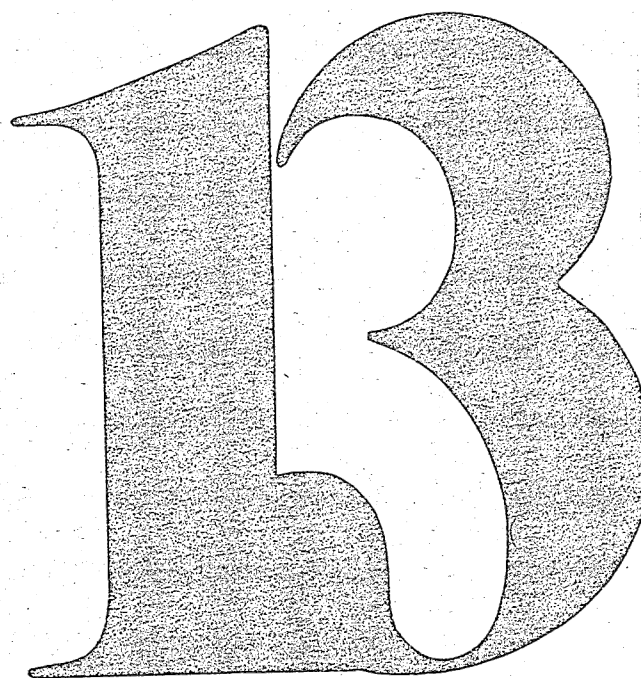
- 312 Special Notice
Faculty Research Fund

Monthly Summary

- 314 Awards Received
- 315 Proposals Submitted
- 317 Summary of Awards Received
and Proposals Submitted

documentation

- 318 Notice from the Committee
to Evaluate Coeducation



the university

President Carter to Speak at Commencement Exercises

President Jimmy Carter will give the commencement address and receive an honorary doctor of laws degree at graduation exercises May 22 at Notre Dame. He accepted an invitation extended Feb. 8 by Rev. Theodore M. Hesburgh, C.S.C., Notre Dame's president, and he said the only possible conflict was with a May London economic summit, the dates of which have not been set.

It will be Mr. Carter's third trip to Notre Dame in little more than a year. He will be the second U.S. President to deliver Notre Dame's commencement address and the fourth to receive an honorary degree.

Special Five-Day Seminar

Graduates of Notre Dame planning to spend part of their summer vacation in the Alumni Family Hall on the campus will have an opportunity to enroll in a special five-day seminar, "Christian Optimism and the Human Prospect." Sponsored jointly by the Alumni Association and the Center for Continuing Education, the series from July 24 to 28 will be staffed by members of the faculty and will be open to spouses as well as graduates. Directing the discussion sessions will be Msgr. John Egan, special assistant to University President Rev. Theodore M. Hesburgh, C.S.C., Novelist and Philosophy Professor Ralph McInerney, and Historian Bernard Norling.

Two brief books will form the theme for the conference and will be sent in advance to all registrants. They are Father Hesburgh's "The Humane Imperative: A Challenge for the Year 2000" and "An Inquiry into the Human Prospect" by Robert Heilbroner, professor of economics at the New School for Social Research. Questions discussed will be whether mankind has the capacity to deal with such crucial problems as overpopulation, nuclear proliferation, and the impact of an expanding industrialism on the environment. An additional option will be an evening discussion period of the "Pensees" by Blaise Pascal directed by Stephen Rogers of the General Program of Liberal Studies.

Sponsors of the summer conference program point to the University's long-standing commitment to continuing education for all Notre Dame graduates as a major reason for the scheduling. The educational vacation is designed to provide new ideas on topics of major interest in a relaxed setting.

Conference registration fees, including housing, meals and all instructional material, are \$195 per individual, \$250 for graduate and spouse, and \$55 for those 18 and under. Additional information may be obtained by contacting the conference coordinators, John Lyon, chairman of the General Program, or James Powell, assistant director of the Center for Continuing Education.

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faculty notes

Honors

Donald P. Costello, professor of English, has been elected to a Study/Action Committee of the National Council of Churches, which is developing a project on "Church-Related Higher Education and Pluralism."

Jay P. Dolan, assistant professor of history, has been selected for the Frank O'Malley Publication Series award by the College of Arts and Letters and the Notre Dame Press. He received a \$500 advance against future royalties for the manuscript Catholic Revivalism in the U.S.: 1830-1900 which will be published later this year.

A.L. Gabriel, director of the Folsom Ambrosiana Microfilm and Photographic Collection, was appointed honorary fellow of the University of Toronto's Pontifical Institute of Mediaeval Studies.

Robert J. Havlik, assistant director for technical services, Memorial Library, is the Notre Dame representative to the Indiana Cooperative Library Services Authority Union List of Serials Task Force.

Ellen Bouchard Ryan, associate professor of psychology, has been appointed a member of the Psychological Sciences Fellowship Review Committee of the National Institute of Mental Health.

Thomas Schlereth, assistant professor of American Studies, has been elected a member of the Indiana Committee for the Humanities, a state-based program of the National Endowment for the Humanities.

James D. Whitehead, assistant professor of theology, has been awarded a grant for research on Chinese Civilization from the American Council of Learned Societies. The grant is intended to facilitate the publication of a book on the indigenization of Buddhism in China.

Activities

Rev. James Flanigan, C.S.C., chairman and associate professor of art, Rev. Anthony Lauck, C.S.C., professor emeritus of art, and Dean A. Porter, director of the Art Gallery, were part of a panel probing the problems of Indiana artists at an open house program at the Notre Dame Art Gallery on Feb. 24. Two questions discussed were "Can You Be An Indiana Artist?" and "Can You Be An Artist in Indiana?"

Raymond M. Brach, associate professor of aerospace and mechanical engineering, presented a paper entitled "An Impact Moment Coefficient for Vehicle Collision Analysis" at the 1977 SAE International Automotive Engineering Congress and Exposition, Detroit, Mich., Feb. 27-March 1.

James J. Carberry, professor of chemical engineering, gave a lecture on "Structure Sensitive Oxidation of Olefins over Platinum" at Washington University, St. Louis, Mo., on March 1.

William Cerny, chairman and professor of music, presented a concert of Twentieth Century Sonatas on Feb. 23 in the Memorial Library Auditorium.

Elizabeth Christman, associate professor of American studies, was a panelist at a workshop on the teaching of writing, sponsored by the Great Lakes Colleges Association, at DePauw University, Feb. 18-20.

Carvel Collins, professor of English, gave The Roberts Lecture at Grinnell College, Feb. 14.

Vincent P. DeSantis, professor of history, read a paper on new books on Populism and Reformism in late nineteenth century America at the Lilly Endowment History Conference at Indiana University, Bloomington, Ind., Feb. 10-12.

Nicholas F. Fiore, chairman and professor of metallurgical engineering, presented papers entitled "Hydrogen-Dislocation Interactions" and "Microstructural Effects in Hydrogen Solubility" at a national conference of NSF grantees at Lehigh University on Jan. 5-7. He also presented a seminar entitled "Microstructural Effects in Hydrogen Embrittlement" at the Materials Science Division, Argonne National Laboratory in Ill., Feb. 17 and 18.

A.L. Gabriel, director of the Folsom Ambrosiana Microfilm and Photographic Collection, gave a lecture on Feb. 27 at the Hungarian House of Culture in Toronto on "The Holy Crown of Hungary. Its History and Juridical Significance."

Moira Marti Geoffrion, assistant professor of art, held a one-woman exhibit and was a visiting artist at Northland College, Ashland, Wisc. from Nov. to Dec., 1976. She had two sculptures included in the Hammond Art Center Fibers Invitational Exhibition in December. In February, Prof. Geoffrion had one print included in the Works on Paper Exhibit, Los Angeles Woman's Building, Calif. On Feb. 2 she was a panelist at the National College Art Association Meetings in Los Angeles and spoke on "Educating Women in the Visual Arts - Notre Dame, Then and Now." She held a workshop and slide talk on the Structure of Soft Sculpture for Northern Indiana Art Center, South Bend in her studio at Notre Dame, Feb. 13. On Feb. 28 she had an exhibition of recent works at the ISIS Gallery at Notre Dame. She also has a commission in sculpture (metal) for NIBCO, Inc., Elkhart, Ind. to be completed by April, 1977.

Robert L. Kerby, associate professor of history, addressed the Kosciusko County Historical Society, Warsaw, Ind., on March 1, on the subject: "Technology, Principles and the Civil War."

Rev. Patrick H. Maloney, C.S.C., associate professor of music, performed in a recital entitled "Music for Voice and Guitar" in the Crowley Hall of Music, on Feb. 16.

Victor W. Nee, professor of aerospace and mechanical engineering, gave a lecture entitled "A New Turbulent Heat Transfer Differential Theory," at Catholic University of America, Washington, D.C., Feb. 22.

Mathilda O'Bryant, associate librarian, was a discussant on the RTSD Technical Services Administration Discussion Group at the American Library Association Midwinter Program held in Washington, D.C., Jan. 30 to Feb. 5.

Timothy O'Meara, professor of mathematics, spoke to the Mathematics Colloquium of the Ohio State University on "A General Isomorphism Theory for Linear Groups" on Feb. 25.

Robert H. Schuler, professor of chemistry and director of the radiation laboratory presented a seminar entitled "ESR Studies on Reaction Intermediates in Radiation Chemistry" at Indiana University-South Bend on March 2.

Syed Shahabuddin, assistant professor of management, presented a paper entitled "Heteroscedasticity in Economic Model: Comparative Evaluation of the Current Tests" in the Midsouth Academy of Economists meeting at Memphis, Tenn., Feb. 10-12.

Herbert E. Sim, chairman and professor of finance and business economics, conducted a seminar for local government officials on the subject of "Local Government Accounting Fundamentals" in South Bend on Feb. 16. The seminar was sponsored by Georgetown University's Academy in the Public Service.

Roger Skurski, associate professor of economics and director of graduate studies, was an invited participant in the Sixth Annual Shell-Faculty Forum at the University of Houston, Jan. 16-19.

Anthony M. Trozzolo, Huisking professor of chemistry, presented a lecture entitled "Cyclic Photochemistry" before the Organic-Physical Chemistry Seminar, Purdue University, Feb. 9, and the Chemistry Colloquium, Ohio State University, Feb. 23.

office of advanced studies

Information Circulars

Council for International Exchange of Scholars, Fulbright-Hays Opportunities Abroad 1977-78, 1978-79

No. FY77-70

Under the Fulbright-Hays program 450-500 awards per year are made to American scholars for university lecturing and advanced research abroad.

Most nominations for 1977-1978 awards have been forwarded to the countries which programmed the grants for announcement last spring. Meanwhile, applications are still being accepted for a number of teaching positions in 1977-1978.

Remaining openings in 1977-1978 include the following:

- American History, Literature, and Studies
- Business and Economics
- Communications
- Engineering
- Library Science
- Linguistics and English as a Foreign Language
- Mathematics and Computer Science
- Music

Opportunities for 1978-1979 carry June 1 and July 1 deadlines.

For further information contact the Office of Advanced Studies, Extension 7378, or write to the following address:

Council for International Exchange of
Scholars
Eleven DuPont Circle, Suite 300
Washington, D.C. 20036

National Science Foundation NATO Advanced Study Institute

No. FY77-71

As a means of cooperating with the activities of the NATO Scientific Affairs Division, the National Science Foundation has selected 38 NATO Advanced Study Institutes to be held in Europe in 1977 to receive assistance in the form of travel awards for United States student participants. These Institutes receive operating support from NATO, but because of the distances involved U.S. students are at a disadvantage in competing for the limited participant support funds available to the Institute Directors. NSF support is made available in the belief that it is to the advantage of the United States to insure U.S. participation at many of these Institutes. It is anticipated that approximately 80 student participants will be assisted this year.

These Institutes are held during the summer. They are intended to provide advanced instruction on highly specialized topics in an environment which will promote international scientific exchange and cooperation. This year subjects covered by these Institutes include astronomy, chemistry, computer science, engineering, geology, physics, mathematics and life sciences.

Advanced graduate and postdoctoral students, and other junior-level faculty or scientists who are U.S. citizens are eligible for this assistance. All awards are made upon the specific nomination of the Institute Directors, who are furnished application materials for the use of their nominees.

These awards are in the form of airline tickets covering direct round-trip, based on excursion rates. U.S. airlines must be used for air travel where available. Awards will generally not be made to those

who received similar awards during 1975 or 1976, employees of other U.S. government agencies, staff lecturers at NATO Institutes, senior scientists, or individuals for whom attendance at the Institute will not be their primary business in Europe.

A nomination from an Institute Director should not be construed by the recipient as a commitment by the Foundation for an award. Such support will depend upon Foundation approval of the application and on the availability of funds.

All inquiries about NSF travel support in connection with a particular Institute should be directed to the appropriate Institute Director, not to the National Science Foundation.

For information on the list of institutes, contact the Office of Research and Sponsored Programs, Extension 7378.

The Ford Foundation and the Rockefeller Foundation, A Research Program on Population and Development Policy

No. FY77-72

The Ford Foundation and the Rockefeller Foundation have jointly announced the seventh year of a world wide program of awards in support of research relevant to the formulation, implementation, and evaluation of population policy as it relates to social and economic development. Researchers and planners are becoming increasingly aware that policies intended to improve human welfare--such as those in the areas of education, employment, housing, social security, health, nutrition, women's roles, or rural challenge remains that of specifying these interrelationships more concretely in order to assess the relative effectiveness of alternative population and development policies.

Of particular interest to this year's program are proposals that may help in closing the gap between research and policy planning. Thus, special efforts should be made to involve in the project persons concerned with planning, administration, or implementation of policy or to identify methods for disseminating the research findings to the appropriate policy-making bodies.

Research topics should be relevant to current population and development policy issues in the proposed country of study. Submissions are encouraged on a broad range of topics, including studies of:

- *Determinants of demographic behavior
- *Consequences of population trends
- *Policy process
- *Policy impact

Eligibility

There are no specific eligibility criteria, but demonstrated research ability, knowledge of population and development issues, and previous experience in these or closely related fields are likely to be minimally necessary.

Selection Criteria

The decision on each research proposal will be based on:

- *Relevance to current issues of population policy and development
- *Potential contribution to understanding population and developmental relationships
- *Use of analytical methods appropriate to the particular research problem
- *Feasibility of project, including time requirements, budget, and data availability
- *Creativity of approach, conceptual clarity, and effectiveness of presentation

Deadline

The deadline for submission of proposals is July 1, 1977. All proposals should be sent directly to:

The Ford and Rockefeller Foundations'
Research Program on Population and
Development Policy
The Ford Foundation
320 East 43rd Street
New York, New York 10017

Joint Institute for Advancement of
Flight Sciences, George Washington
University School of Engineering and
Applied Science, National Aeronautics
and Space Administration, Langley
Research Center

No. FY77-73

The Joint Institute for Advancement of
Flight Sciences offers education and
research opportunities in the following
fields:

- *Acoustics
- *Aeronautics
- *Structures and Dynamics
- *Environmental Modeling
- *Materials Science

The objective of these programs is to
prepare qualified students for careers
in research, development, design and
teaching to meet the challenge of ever-
increasing technical problems and the
nation's needs. The education and research
opportunities combine the academic re-
sources of the George Washington Univer-
sity and the professional research re-
sources and facilities of NASA-Langley
Research Center.

A number of Research Scholar Assistantships
are available for the 1977 Spring and Fall
semesters for graduate study and research
leading to the degrees of Master of Science
and Doctor of Science. Successful appli-
cants will be awarded Research Scholar
Assistantships with stipends of \$8,000 a
year for Master of Science degree, and
\$9,000 a year for the Doctor of Science
degree.

For further information write to one of
the following for applications (indicate
the specific program of interest):

Dr. S.W. Yuan
Chairman, Department of Civil, Mechan-
ical, and Environmental Engineering
School of Engineering and Applied Science
George Washington University
Washington, D.C. 20052

or

Dr. John L. Whitesides, Jr.
Associate Professor of Engineering and
Applied Science
JIAFS
Mail Stop 169
NASA-Langley Research Center
Hampton, Virginia 23665

Current Publications And Other Scholarly Works

ARTS AND LETTERS
HUMANISTIC AND SOCIAL STUDIES

Economics

Davisson, William I.
W.I. Davisson and J.J. Uhran, Jr. 1976.
The structure of consumer income.
Pages 854-859 in, Proceedings of the
Modeling and Simulation Conference,
Pittsburgh.

English

Gernes, Sonia G.
S.G. Gernes. 1976. Locking Up the
Mississippi. Indiana Writes 1(3 and 4):
21.
S.G. Gernes. 1976. Waiting Room.
Indiana Writes 1(3 and 4):19.
S.G. Gernes. 1976. Plainsong for an
Ordinary Night. The Juggler 31:28.
S.G. Gernes. 1976. The Chick's Reply
to the Obscene Caller. Poetry Northwest
17:40.
S.G. Gernes. 1977. Reading Pooh without
Parachutes. Kansas Quarterly 9:110.
Martin, Leslie H.
L.H. Martin. 1976. Past and parody in
The Man of Mode. Studies in English
Literature 16(3):363-376.

Government and International Studies

Francis, Michael J.
M.J. Francis. 1977. United States policy
toward Latin America: An immoderate
proposal. Orbis 20(4):991-1006.

History

DeSantis, Vincent P.
V.P. DeSantis. 1977. The Shaping of
Modern America: 1877-1916. Forum
Press, St. Louis. 259 pp.
Kerby, Robert L.
R.L. Kerby. 1976. Eastern Catholicism.
Archdiocesan Office of Interreligious
Affairs, Cleveland. 26 pp.

Philosophy

Chroust, Anton-Hermann
A.-H. Chroust. 1976. Cicero and the
Aristotelian doctrine of the Akatono-
maston. Philologus (East Germany) 120(1):
73-85.

SCIENCE

Chemistry

Bentley, John

- *J.L. Fraites, J. Bentley, and D.H. Winicur. 1977. The determination of potential-well depths directly from rainbow maxima. Journal of Physics B: Atomic and Molecular Physics 10(1):127-132.

Bush, Robert L.

- *R.L. Bush and P.K. Funabashi. 1977. Small polaron model for the absorption spectrum of solvated electrons in alcohols. Journal of the Chemical Society, Faraday Transactions II 73:274-284.

Fessenden, Richard W.

- *P. Neta, V. Madhavan, H. Zemel, and R.W. Fessenden. 1977. Rate constants and mechanism of reaction of SO_4^{2-} with aromatic compounds. Journal of the American Chemical Society 99(1):163-164.

Funabashi, Paul K.

- *R.L. Bush and P.K. Funabashi. 1977. Small polaron model for the absorption spectrum of solvated electrons in alcohols. Journal of the Chemical Society, Faraday Transactions II 73:274-284.

Levanon, Haim

- *E. Nissani, A. Scherz, and H. Levanon. 1977. The photoexcited triplet state of tetraphenyl. Chlorin, magnesium tetraphenyl porphyrin and whole cells of *Chlamydomonas reinhardtii*. A light modulation-EPR study. Photochemistry and Photobiology 25:93-101.

Madhavan, V.

- *P. Neta, V. Madhavan, H. Zemel, and P.W. Fessenden. 1977. Rate constants and mechanism of reaction of SO_4^{2-} with aromatic compounds. Journal of the American Chemical Society 99(1):163-164.

Mozumder, Asokendu

- *H. Sano and A. Mozumder. 1977. Model of thermalization of quasifree electrons in high-mobility liquids and its relationship with electron mobility. Journal of Chemical Physics 66(2):689-698.

Neta, Pedatsur

- *P. Neta, V. Madhavan, H. Zemel, and R.W. Fessenden. 1977. Rate constants and mechanism of reaction of SO_4^{2-} with aromatic compounds. Journal of the American Chemical Society 99(1):163-164.

Sano, Hisatake

- *H. Sano and A. Mozumder. 1977. Model of thermalization of quasifree electrons in high-mobility liquids and its relationship with electron mobility. Journal of Chemical Physics 66(2):689-698.

Winicur, Daniel H.

- *J.L. Fraites, J. Bentley, and D.H. Winicur. 1977. The determination of potential-well depths directly from rainbow maxima. Journal of Physics B: Atomic and Molecular Physics 10(1):127-132.

* Under the Radiation Laboratory

Mathematics

Taylor, Laurence R.

- L.R. Taylor. 1976. Z-local cobordism theories. Journal of the London Mathematical Society 14(2):303-308.

Microbiology

Pollard, Morris

- *M. Pollard. 1977. Metastatic adenocarcinoma of the prostate. American Journal of Pathology 86(1):277-280.

Webb, Phyllis M.

- *A. Meshorer and P.M. Webb. 1976. Patterns of cell differentiation in bone marrow of germ free mice as a result of specific antigenic stimuli. Experimental Pathology 12:259-268.

* Under the Lobund Laboratory

Physics

Cason, Neal M.

- N.M. Cason. 1976. Evidence for a new scalar meson. Pages 93-102 in, *New Fields in Hadronic Physics: Proceedings of the XI Rencontre de Moriond*. Flaine, France.

ENGINEERING

Electrical Engineering

Uhran, Jr., John J.

W.I. Davisson and J.J. Uhran, Jr. 1976.
The structure of consumer income. Pages
854-859 in, Proceedings of the Modeling
and Simulation Conference, Pittsburgh.

Metallurgical Engineering

Fiore, Nicholas F.

N.F. Fiore and D.R. Diercks. 1977.
Microstructural effects on the low-
cycle fatigue of Fe-Ni-Cr austenite.
Journal of Engineering Materials and
Technology 99:29-36.

J. Hofweber, N.F. Fiore and W.I. Ebinhara.
1977. Effects of solidification sub-
structure on the mechanical properties
of a nickel base superalloy. Materials
Science and Engineering 27:157-162.

BUSINESS ADMINISTRATION

Accountancy

Pattillo, James W.

J.W. Pattillo. 1977. Review of A.
Craig's, Counting Things and Magic
Rings. The Accounting Review 52(1):
280-281.

Management

Chang, Yu-chi

Y.C. Chang and K.S. Kim. 1976. Segmented
regression analysis in dealing with
cross-section, qualitative data - in
application to consumer attitudes toward
gasoline conservation measures. American
Statistical Association Proceedings of
the Social Statistics 1:242-244.

Ambrosiana Library

Gabriel, Astrik L.

A.L. Gabriel. 1976. The academic career
of Blasius de Varda, Hungarian humanist
at the University of Paris. Manuscripta
20:218-243.

A.L. Gabriel. 1976. The Ambrosiana
Collection at the University of Notre
Dame. An exhibition of selected manu-
script leaves and miniatures from the
9th to the 16th Centuries, master
drawings from the 15th to the 17th
Centuries. A photographic documentation.
Chicago. ii and 64 pp.

Special Notice

Faculty Research Fund

The University Committee on Research and
Sponsored Programs (UCRSP) announces the
following awards for the 1976-77 round of
proposals for the Faculty Research Fund
(FRF).

Robert P. Vecchio. Department of Management,
Resolution of predictions by expectancy
theory and equity theory. \$500.

Sonia G. Gernes. Department of English.
On location research for the Margins of
the Map, a volume of dramatic monologues.
\$1,232.

Lawrence C. Marsh and Yu-Chi Chang.
Department of Economics and Department of
Management.
Multivariate extension and application
of tests for inequality restrictions to
production function relationships. \$1,544.

Thomas J. Schlereth and Thomas S. Fern.
Department of American Studies and Depart-
ment of Art.
Colonial artifacts dictionary. \$1,000.

Nathan O. Hatch. Department of History.
From revolution to reaction: The emer-
gence of Federalist political culture
in New England, 1776-1790. \$500.

John H. Hollenbach. Department of Manage-
ment.
The development of a behavioral index
of job involvement. \$1,870.

Sophie M. Korczyk. Department of Finance
and Business Economics.
Student debt attitude survey. \$1,942.

James M. Johnson and Howard P. Lanser.
Department of Finance and Business Economics.
Application of risk analysis in the capital
budgeting decision: An empirical investi-
gation. \$2,500.

Thomas M. Patrick. Department of Finance and Business Economics.

The relationship between investment and trade with specific reference to the multinational corporation. \$1,750.

Joseph Blenkinsopp, Jr. Department of Theology.

Biographical patterns in Biblical narrative. \$2,500.

Kenyon S. Tweedell. Department of Biology.

The control of egg maturation and spawning in a marine annelid. \$500.

Thomas L. Theis. Department of Civil Engineering.

The aqueous chemistry of polycyclic aromatic carcinogenic agents. \$500.

William P. Sexton, John A. Ruhe, and C. Peethambaran Kartha. Department of Management.

Differences between female and male leaders in health care institutions: A pilot study. \$1,463.

Only twenty-two proposals (22) were received by the UCRSP Review Committee for the 1976-77 round of proposals. In contrast, forty-eight (48) proposals were received last year.

Review Committee for FRF: A. Edward Manier, Philosophy, (Chairman); Herbert E. Sim, Finance and Business Economics; John J. Kozak, Chemistry; James L. Melsa, Electrical Engineering; Edward R. Trubac, Finance and Business Economics; Carl W. O'Neill, Sociology and Anthropology.

Monthly Summary

Awards Received

IN THE MONTH OF FEBRUARY, 1977

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
AWARDS FOR RESEARCH				
Biology	Weinstein	Development of parasitic helminths in vitro	Natl. Inst. Health	88,248 12
Aeros. Mech. Eng.	Szewczyk	Effects of turbulence and shear on flow past bluff bodies	Natl. Sci. Fdn.	73,800 24
Metallurgical Eng.	Allen	Defects in laves phases and rare earth-cobalt intermetallics	Natl. Sci. Fdn.	23,000 24
AWARDS FOR EDUCATIONAL PROGRAMS				
Civil Eng.	Ketchum, Sturm	Student science training project	Natl. Sci. Fdn.	9,780 8.5
AWARDS FOR SERVICE PROGRAMS				
Cent. Human Devel.	Dwyer	Needs assessment program	---	900 --

Proposals Submitted

IN THE MONTH OF FEBRUARY, 1977

Department or Office	Principal	Short title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Electrical Eng.	Ajmera	Electrical properties of native oxide insulating layers	Eng. Fdn.	10,000 11
Civil Eng.	Irvine, Ketchum	Sequencing batch reactors for mu- nicipal/industrial wastewater	Natl. Sci. Fdn.	80,821 12
Physics	Browne	Summer support for faculty from small colleges	Natl. Sci. Fdn.	4,725 3
Microbiology- Lobund Lab.	Pollard	Fungus infections in the immuno- logically compromised host	Natl. Inst. Health	67,228 12
Chemistry	Hayes	X-ray photoelectron spectroscopy of Heme compounds	Natl. Inst. Health	55,310 12
Chemistry	Fehlner	Polyalanines: Synthesis, stabili- zation and characterization	Natl. Sci. Fdn.	26,174 12
Biology	Davidson	In vitro nuclear division in a model system	Natl. Sci. Fdn.	70,000 24
Sociology Anthropology	Press	Anthropological critique of work in the philosophy of medicine	Inst. Human Values Medicine	8,006 2
Physics	Tomasch	Electronic tunneling from metals	Natl. Sci. Fdn.	40,000 12
Biology	McIntosh	A history of ecology	Natl. Sci. Fdn.	43,185 14
Biology	Craig	Survey of the mosquitoes of St. Joseph County	St. Jos. Cty. Dept. Pub. Health	33,477 10
Psychology	Anderson, Snyder	Voluntary heart control	Educ. Fdn. Amer.	27,170 12
Cent. Med. Educ.	Kingsley	Reinnervation of the spinal cord by ventral roots	Natl. Inst. Health	30,433 12
Physics	Bose, McGlinn	Theoretical research in particle physics and general relativity	Energy Res. Develop. Admin.	52,785 24
Physics	Bose, McGlinn	Theoretical research in particle physics and general relativity	Natl. Sci. Fdn.	52,785 24
Chemistry	Scheidt	X-ray and chemical studies of metalloporphyrins	Natl. Inst. Health	58,892 12
Chemistry	Fehlner	UV photoelectron spectroscopy of clusters	Amer. Chem. Soc.	52,626 36
Civil Eng.	Theis	Aqueous chemistry of polycyclic aromatic carcinogens	Natl. Inst. Health	39,658 12
Sociology Anthropology	Johnson, Aldous	Parents of juvenile diabetics and medical compliance	Pub. Health Serv.	22,653 12
Microbiology- Lobund Lab.	Wostmann, Madsen	Role of enteric antigen in age- related immune changes	Natl. Inst. Health	19,363 12
Aerospace Mech. Eng.	Roberts	Advanced visualization and measurement techniques	U.S. Air Force	22,755 12
Electrical Eng.	Melsa, Cohn	Development of an ADPCM processor	TELLABS Inc.	53,869 15
Physics	Biswas, Cason, Kenney, Shephard	High energy elementary particle physics	Natl. Sci. Fdn.	721,050 24
Microbiology- Lobund Lab.	Wostmann, Madsen	Interrelations between diabetes and cardiovascular disease	Juvenile Diabetes Fdn.	35,776 24
Chemistry	Basu	Glycolipid metabolism in tumor and transformed cells	Natl. Inst. Health	48,612 12
Biology	Tweedell	Pronephric cell transformation by Lucke Herpes virus	Natl. Inst. Health	51,401 12
Civil Eng., Biology	Sturm, Theis, Ross	Multiple use of lakes receiving thermal discharges	Dept. Interior	126,742 24

PROPOSALS FOR FACILITIES AND EQUIPMENT

Memorial Library	Sparks	College library resources program	U.S. Office Educ.	5,000 12
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PROPOSALS FOR EDUCATIONAL PROGRAMS

Finance, Management	Cho, Houck	Business values under critical scrutiny	S and H Fdn.	10,521 9
Sociology Anthropology	Aldous	Public policy and the family	S and H Fdn.	8,366 9
Art	Vogl	Printmakers-in-residence	Natl. Endow. Arts	1,620 2 wks
Art	Geoffrion	Women artists-in-residence	Natl. Endow. Arts	1,620 2 wks
Art	Kremer	Ceramic artists-in-residence	Natl. Endow. Arts	1,620 2 wks
Chemistry	Bottei	Environmental chemistry for high school teachers	Natl. Sci. Fdn.	12,447 15
Earth Sciences	Murphy	Pre-college teacher development in science project	Natl. Sci. Fdn.	28,660 15
Mathematics	Borelli	Pre-college development project for secondary math. teachers	Natl. Sci. Fdn.	49,970 15

PROPOSALS FOR SERVICE PROGRAMS

Biology	Craig, Grimstad	Arbovirus surveillance laboratory service	Ind. State Bd. Health	128,868 16
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Summary of Awards Received and Proposals Submitted

IN THE MONTH OF FEBRUARY, 1977

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	3	\$ 185,048	-	\$ ---	3	\$ 185,048
Facilities and Equipment	-	---	-	---	-	---
Educational Programs	1	9,780	-	---	1	9,780
Service Programs	-	---	1	900	1	900
Total	4	\$ 194,828	1	\$ 900	5	\$ 195,728

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	8	\$1,043,699	19	\$ 811,797	27	\$1,855,496
Facilities and Equipment	-	---	1	5,000	1	5,000
Educational Programs	-	---	8	114,824	8	114,824
Service Programs	-	---	1	128,868	1	128,868
Total	8	\$1,043,699	29	\$1,060,489	37	\$2,104,188

documentation

Notice from the Committee to Evaluate Coeducation

The Committee to Evaluate Coeducation was first convened in October of 1976. Since that time its members, as a committee of the whole and in numerous subcommittees, have sought a wide variety of data and opinions.

On-campus interviews include those with students, faculty, administrators, rectors, campus ministers, athletic personnel, Placement, Counseling and Psychological Services, Infirmary, Security and Freshman Year. Representative among other institutions consulted are Saint Mary's College, Yale, Princeton and Marquette. Most recently three different questionnaires have been sent to broadly and randomly chosen groups of Notre Dame faculty and students and of Saint Mary's students.

Presently the committee is processing and integrating the extensive information it has received. The current discussions will lead into the committee's written report, to be submitted in April, first to Rev. Theodore M. Hesburgh, C.S.C., and then to the community at large.

Lest any persons feel that their input is lacking, despite the broad sampling mentioned above, the committee now announces its willingness to receive written statements or to meet with individuals.

Written statements should be addressed to the Committee chairman, Sister John Miriam Jones, S.C., whose office is located in Room 202 of the Administration Building. These statements should be received prior to March 28.

The committee is reserving the evening of March 28 for meeting with individuals. A time allotment can be scheduled by calling Sister John at 8961. If organizations desire interview time, they are requested to select one or two representatives.

notre dame report



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