

'75-'76

notre dame report

February 27, 1976

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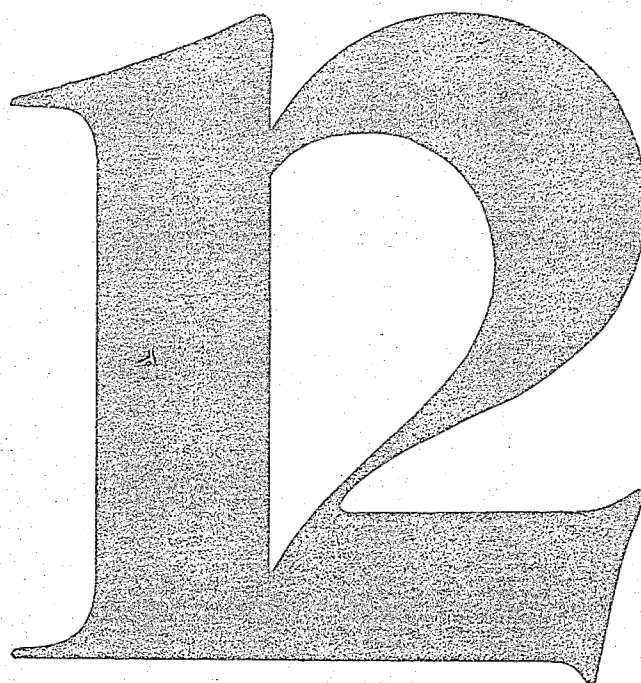
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the university

Academic Garb

Monday, March 1, is the deadline for both faculty and students to place an order at the Notre Dame Hammes Bookstore to purchase a cap and gown to insure availability for the May, 1976 Commencement Exercises.

Tuesday, April 27, and Wednesday, April 28, from 9.a.m. to 4:30 p.m., are the days scheduled by the bookstore for the measurement and collection of fees for the rental of caps and gowns by either students of faculty for their use during the May, 1976 Commencement Exercises.

RENTAL FOR FACULTY CAPS AND GOWNS:

Master cap and gown	\$ 6.25
Master hood	\$ 3.75
MASTER TOTAL	<u>\$10.00</u>

DOCTOR cap and gown	\$ 7.25
DOCTOR hood	\$ 4.75
DOCTOR TOTAL	<u>\$12.00</u>

Mock Political Convention

Robert S. Strauss, chairman of the Democratic National Committee, will be the first on a list of national figures addressing the 1976 Mock Political Convention at Notre Dame March 1-7. This year's convention, a quadrennial event at Notre Dame, is dedicated to the late Professor Paul Bartholomew who established the tradition in 1940 and directed the event each year until his death Dec. 24, 1975.

A series of platform meetings has resulted in the drafting of planks for the mock convention supporting women's rights, stiffer gun control measures, economic reforms to help minorities, a plank favoring family planning, reforms in criminal rehabilitation, decriminalization of marijuana and a crackdown on the selling of narcotic drugs along with a plank advocating equal recognition of the statehood of Israel and Palestine in the Middle East.

Strauss, a native of Texas and former chairman of the Humphrey-Muskie campaign in his home state, will present the opening address at 7:30 p.m. in Stepan Center. He will be introduced by South Bend Mayor Peter Nemeth and by Father Hesburgh.

Michigan Congressman Donald W. Riegle, a candidate for the Senate seat held by retiring Sen. Philip Hart, will speak at 7:30 p.m. on March 4 and Sen. Gary Hart of Colorado will deliver a 7:30 address on March 5, the day convention delegates choose their candidate of the year. Two speakers are scheduled on March 6: Indiana Congressman John Brademas at 12:45 p.m., followed by Sen. Patrick Leahy of Virginia at 1:30 p.m.

Convention activities will be concluded with an informal Bicentennial Ball in Stepan Center at 9 p.m. Saturday.

Outgoing Mail

In order to facilitate the processing of outgoing mail in the Campus Mail Room, and to minimize the possibility of improper postage on foreign mail and over-weight letters (over one ounce), the departments are requested to separately band and note all foreign mail. Where possible, it will help if all regular mail over one ounce in weight is also banded separately when this can be done without any great inconvenience.

Attention is again called to the 3:30 p.m. pick-up time for mail going to the Notre Dame Post Office from the Campus Mail Room for processing that day. Such mail must be delivered to the Campus Mail Room in time sufficient to process it before the 3:30 deadline. Where a large volume of mail is to be processed it should be delivered to the Campus Mail Room by at least 3 p.m.

Bicentennial Observance

Senator William Proxmire of Wisconsin will keynote the bicentennial observance in March entitled "An Almost Chosen People: The Moral Aspirations of Americans," and sponsored by the University of Notre Dame, Saint Mary's College and the South Bend Community.

The senior Wisconsin senator, known for his watchdog role over federal government spending and his record of consecutive roll call votes in Congress, will speak at the opening of the five-day festival on Sunday, March 7. Proxmire is chairman of the Senate Banking, Housing and Urban Affairs Committee. The two-hour inaugural session will start at 3 p.m. in the Athletic and Convocation Center arena and will be open to the public. Preceding Proxmire's address will be a patriotic concert interspersed with dramatic readings.

Other events for the Bicentennial Observance include a series of seven scholarly presentations along with concerts, a poetry reading and theater presentation. The schedule is as follows:

Sunday, March 7

- 3-5 p.m. Keynote Address by Sen. William Proxmire.
- University of Notre Dame Band, Orchestra and Jazz Ensemble: Bicentennial Patriotic Concert. Athletic and Convocation Center, Notre Dame.

Monday, March 8

- 9-11:30 a.m. I. Understanding the American Revolution--Prof. Marshall Smelser of Notre Dame. Center for Continuing Education (CCE).
- 11:30 a.m. - 12:30 p.m. Reception at CCE, Notre Dame Woodwind Quintet.
- 2-4 p.m. II. The Declaration of Independence: Its Promise and Problems--Prof. Martin Diamond, Northern Illinois University, at CCE.
- 4 p.m. Open House and Exhibit of the Notre Dame Art Gallery and Art Department, at Memorial Library.
- 8 p.m. South Bend Symphony Orchestra with Conductor Herbert Butler--"A Tribute to American Music" at the Morris Civic Auditorium, South Bend.

Tuesday, March 9

- 9-11 a.m. III. The Religious Dimension of American Aspirations--Prof. Sidney Ahlstrom, Yale University, at CCE.

- 11:30 a.m. Liturgy, Sacred Heart Church.
- 2:30-5 p.m. IV. Is America in Any Sense Chosen?--Professors Peter Berger, Rutgers University, and Vincent Harding, University of Pennsylvania, at CCE.
- 5-6 p.m. Open House, Saint Mary's College Art Department. Special Lecture by Samuel Adler on Twentieth Century American Music, Little Theatre, Saint Mary's College.
- 8:15 p.m. Notre Dame-St. Mary's Speech and Drama Department presents "My Heart's in the Highlands" by William Saroyan, at O'Laughlin Auditorium, Saint Mary's College.

Wednesday, March 10

- 9-11:30 a.m. V. Moral Aspirations in American Literature--Prof. Alfred Kazin, City University of New York, at CCE.
- 11:30 a.m. - 12:30 p.m. Reception. Saint Mary's-Notre Dame Poetry Reading, at CCE.
- 2-4 P.M. VI. Science, Technology and American Goals--Prof. I. Bernard Cohen, Harvard University, at CCE.
- 4:30-6 p.m. Open House, Architecture Building
- 8:15 p.m. Notre Dame-Saint Mary's Choral Ensembles, Samuel Adler Premiere, at O'Laughlin Auditorium.

Thursday, March 11

- 9-11:30 a.m. VII. American Aspirations and the World Community--Rev. Theodore M. Hesburgh, C.S.C.

Each lecture will be followed by a commentator or panel discussion as well as an opportunity for audience participation.

Underwriting this bicentennial festival and conference in part are grants from the Indiana American Revolution Bicentennial Commission, and the Indiana Committee on the Humanities. Proceedings of the conference will be published by the University of Notre Dame.

Sub-Saharan Institute

The Notre Dame African Studies Program will sponsor its eighth Institute on Sub-Saharan Africa June 14 to July 9 for persons about to begin or recently returned from a period of service on the continent. The Institute will be limited to 30 participants who will live together in Old College, a landmark building on the campus. Since 1969 the Institute has been open to Christians of all denominations. An added feature this year is the recent acquisition of a major collection of African books and journals, available to participants in Notre Dame's Memorial Library. Government Professor Peter Walshe is director of the program.

Pastoral Institute

The 1976 Pastoral Institute for Social Ministry, a summer program of courses and workshops for persons engaged in social ministry, will be held at Notre Dame July 5-30.

The Institute is sponsored by the Catholic Committee on Urban Ministry (CCUM) and Notre Dame's Department of Theology. Participants may receive from one to four graduate-level academic credits for their work. Two four-week courses, "Local Church: Its Nature and Mission" and "American Society: Paths for Change," will include a practicum which emphasizes organizational and leadership skills. Special workshops on new priorities for health care and ministry in the black community and a series of two-week workshops on specific interest areas will also be offered.

faculty notes

Appointments

Brother Thomas Balaz, C.S.C., has been named officer-in-charge of the Notre Dame Post Office until a new postmaster is selected by the U.S. Postal Service. He succeeds Brother Ramon Purzycki, C.S.C., who was with the Post Office for 32 years and postmaster since 1968.

Associate Professor Robert W. Williamson, a member of the University of Notre Dame faculty since 1967, has been appointed chairman of the Department of Accountancy in the College of Business Administration. He succeeds Prof. Ray M. Powell; the appointment is effective Sept. 1.

Honors

James O. Bellis, associate professor of sociology and anthropology, has been awarded a Lilly Endowment Faculty Open Fellowship for 1976-77. Bellis will spend the year working primarily in cooperation with the Indiana Historical Society and the Glen Black Laboratory of Archeology at Indiana University.

Robert E. Gordon, vice president for advanced studies, has been elected president of the American Institute of Biological Sciences for 1976.

Nathan O. Hatch, assistant professor of history, has been awarded a grant-in-aid by the American Council of Learned Societies for summer research in Philadelphia on Religion and Politics in the Middle Colonies.

Rev. Theodore M. Hesburgh, C.S.C., president of the University, has been appointed to a 10-member committee to advise the federal government on equal opportunity employment programs as they affect colleges and universities.

Lloyd H. Ketchum, Jr., assistant professor of civil engineering, has been appointed chairman of the Student Affairs Committee for the Indiana Section of American Water Works Association. He also has been appointed to the Program Committee of the Indiana Water Pollution Control Association.

John R. Lloyd, associate professor of aerospace and mechanical engineering, has been appointed to a newly-formed Heat Transfer Division Membership Committee of the American Society of Mechanical Engineers.

Thomas L. Schlereth, assistant professor of American Studies, has been named assistant editor of The Old Northwest, A Journal Of Life and Letters, published by Miami University in Oxford, Ohio.

Activities

James J. Carberry, professor of Chemical Engineering delivered the following lectures: "Surface Catalysis and the Automotive Exhaust Catalytic Reactor", AIChE National Meeting at Los Angeles in November, "Fundamental Aspects of CO and Olefin Oxidation over Supported Metal Catalysts," at Cornell University, January 27 and "Crystallite Size Effects in Catalytic Oxidation over Supported Pt." at Yale University, February 6.

Philip Gleason, professor of history, participated as an invited discussant in the Schouler Lectures and Symposium on "Leadership of American Ethnic Groups" at the Johns Hopkins University, Feb. 5-6.

Stephen D. Kertesz, professor emeritus of government and international studies, delivered a lecture entitled "National Security in Historical Perspective" at Air Command and Staff College, Maxwell Air Force Base, Alabama, Jan. 22.

Rev. Anthony J. Lauck, C.S.C., professor emeritus of art, delivered a paper, "A Sculptor's Compulsion Toward Drawing" before the Print and Drawing Society of Indianapolis on March 2 at the Indianapolis Museum of Art.

Michael K. Sain, professor of electrical engineering, was an invited member of the National Science Foundation's Research Initiation Panel which met in Washington, D.C., on Jan. 12-13. He also served as associate guest editor of algebraic system theory for the Special Issue on Recent Trends in System Theory, Proceedings of the Institute of Electrical and Electronics Engineers, January 1976.

Thomas J. Schlereth, assistant professor of American Studies, delivered a paper on "The World's Columbia Exposition of 1893: An Index to Nineteenth Century America," at Roosevelt University in Chicago on Jan. 21.

Lloyd R. Sloan, assistant professor of psychology, was an invited participant in the White House Conference on Consumer Representation, Jan. 12-13 in Washington, D.C.

Boleslaw B. Szczesniak, professor emeritus of history, during his recent research trip to the Vatican Archives, visited the Old Warsaw Archives and delivered invited lectures on "The Problems of Japanese Chronology" and "The Impurity in Shinto Religion."

Rev. George Wiskirchen, C.S.C., assistant director of bands and director of jazz bands, presented a workshop on the "Stylistic Variants of Jazz" at the National Association of Jazz Educators Convention at California State University in Northridge on Jan. 25.

office of advanced studies

Information Circulars

National Science Foundation Special Foreign Currency Program For Cooperative Research Activities

No. FY76-58

The National Science Foundation (NSF) is accepting applications for support for research, science education, and related activities in the Special Foreign Currency Program within its Division of International Programs.

The program encourages cooperative research activities in countries--mainly Egypt, India, and Pakistan--still having an excess of U.S.-owned foreign currencies. U.S. and foreign scientists are encouraged to exchange information in all fields of scientific and engineering research and make optimal use of major facilities in participating countries.

Cooperative activities supported under the program include joint or complementary projects of U.S. and foreign scientists, to an extent that would normally result in the publication of the research results; projects conducted at a foreign site mainly by foreign scientists with participation by U.S. scientists; and projects conducted abroad by U.S. institutions.

Activities also include support of international travel for project development and meetings involving U.S. scientists, and visits by individual U.S. scientists to institutions in participating countries.

U.S. Department of Interior OWRT Water Resources Research Project Proposals

No. FY76-59

The Office of Water Research and Technology proposes to negotiate for experimental, developmental, or research work in the field of water resources during fiscal year 1977 beginning October 1, 1976. Enabling legislation

is expected to authorize the Secretary of the Interior to make grants, contracts, and matching or other arrangements with educational institutions whose training, experience, and qualifications are adequate for the conduct of water research projects into any aspects of water problems of National interest which are deemed desirable and which are not otherwise being studied.

Within this research program, the Office of Water Research and Technology desires to encourage and support research investigations which hold promise of contributing to the solution of important water problems of National interest. In its fiscal year 1977 program, the Office of Water Research and Technology proposes to emphasize support of research in the major subject fields of (1) Water Resources Planning and Management; (2) Supplies of Water; and (3) Water Quality. However, any technical approach or idea which holds promise of contributing to the solution of important water problems of National interest will be given every consideration.

Proposals for this program may be submitted for consideration for support at any time. Selections of projects from proposals responsive to OWRT program needs will be made at quarterly calendar intervals during the 1977 fiscal year. Proposals must be submitted to OWRT no later than April 5, 1976, to be considered for funding in the first quarter of FY 1977. Proposals submitted after that date will be considered for funding in subsequent quarters. Authors of proposals which do not qualify for OWRT support will be so notified immediately following completion of initial reviews.

For further information, contact the Office of Research and Sponsored Programs.

National Science Foundation Service Delivery Research

No. FY76-60

The National Science Foundation (NSF) is seeking proposals for research aimed at helping local governments make better decisions in five categories of service delivery. Service categories included in this program are: 1) solid waste management, 2) urban waste resources, 3) fire protection, 4) urban recreation, and 5) financial management. Approximately \$2 million may be provided for the research. Between 1/2 and five person-years of effort may be devoted to a given project lasting between 12 and 15 months.

The primary objective of this research is to improve the information, and where appropriate, methodology available to local government officials relating to cost-effective policies or technologies to deal with specific problems in the five service categories. To achieve this goal each research team will produce a user handbook which defines objectives for the problem area, proposes measures of effectiveness and efficiency, defines and evaluates alternative means of achieving the objectives, recommends one or more alternatives, and, where appropriate, provides procedures for implementing the alternative(s).

The deadline for receipt of proposals is March 29, 1976.

For further information, contact the Office of Research and Sponsored Programs, Extension 7378.

National Endowment for the Humanities Fellowships for Independent Study and Research, 1977-78

No. FY76-61

Tenure: 6 or 12 months

Maximum Stipend: \$20,000

Application Deadline: June 1, 1976

Announcement of Awards: Late November, 1976

Eligibility

Fellowships for Independent Study and Research are intended for scholars, teachers, writers, and other interpreters of the humanities, who have completed their formal academic training and have gone on to make, or to demonstrate promise of making, significant contributions to knowledge and thought in the humanities. Applications may come from college and university faculty members and from others whose occupations engage them in the humanities. Applicants must have completed their formal academic training by the date of application; otherwise, they may be at any stage of their careers, but those are rarely successful who have not already achieved some measure of recognition for their work. Teachers at undergraduate colleges and at junior and community colleges who are primarily interested in increasing their knowledge of the subjects they teach in order to develop their abilities as teachers of the humanities are encouraged to apply to the Endowment's program of Fellowships in Residence for College Faculty.

Scope of Support

The scope of Endowment support includes, but is not limited to, the study of the following: history, philosophy, modern and classical languages, literature, linguistics, archaeology, jurisprudence, the history, criticism, and theory of the arts, ethics, comparative religion, and those aspects of the social sciences that employ historical or philosophical approaches. This last category includes cultural anthropology, sociology, political theory, international relations, and other subjects concerned with value and non-quantitative matters. The Endowment continues its interest in studies of the relationships between human values and science and technology. Its overriding concern in awarding fellowships, however, is to foster excellence in the humanities regardless of field.

Purpose

The purpose of Fellowships for Independent Study and Research is to provide time for uninterrupted study and research, so that fellows may enlarge their contributions to humanistic thought and knowledge and further design their abilities. The work undertaken with a fellowship may lie within the applicant's special interest, or it may be work in some other field that will help him understand his own field better and enlarge his competence. Both persons with broad humanistic interests and scholars working in specialities are encouraged to apply.

Requirements

Fellows must devote full time to their fellowship studies. They may not hold other major fellowships or grants during tenure, except sabbaticals or grants from their own institutions.

Application Deadline

June 1, 1976 will be the only deadline for applications for 1977-78 Fellowships for Independent Study and Research.

Additional Information

The Endowment's program for 1977-78 in its Division of Fellowships are these: Fellowships for Independent Study and Research, Fellowships in Residence for College Teachers, Summer Stipends, Summer Seminars for College Teachers, and Fellowships for the Professions. For additional information or for application materials, write to the:

Division of Fellowships
National Endowment for the Humanities
806 15th Street, N.W.
Washington, D.C. 20506

Metropolitan Life 1977 Educational Grants

No. FY76-62

Educational grants totaling approximately \$50,000 will be awarded by Metropolitan Life during 1976 to accredited four-year colleges and universities in the United States and Canada. Approximately 10 grants will be made, ranging generally from \$2,500 to a maximum of \$12,000 to eligible institutions which develop programs designed to promote better understanding and improved cooperation between the business and academic communities. Under the program, academic institutions are offered the widest latitude in developing proposals for grant consideration.

Metropolitan will consider for grants those curricular changes aimed at improving relationships between business and the academic world, related research, projects which foster communication among business, faculty and students, and exploratory studies in the general area of business-academic relationships.

For further information, contact the Office of Advanced Studies, Extension 7378.

Current Publications And Other Scholarly Works

ARTS AND LETTERS
HUMANISTIC AND SOCIAL STUDIES

American Studies

- Kolbensschlag, Madonna C.
M.C. Kolbensschlag. 1975. Photography. The wines of the Languedoc. Wine World 4(5): 12-13.
M.C. Kolbensschlag. 1975. Photography. The wines of Rudesheim. Wine World 4(4):12.
Schlereth, Thomas J.
T.J. Schlereth. 1975. The Notre Dame Farms, 1843-1940. The Old Courthouse News 9(4):1-4.
Weber, Ronald
R. Weber. 1975. Moon talk: The astronauts on themselves. Exploration 3:35-51.
R. Weber. 1975. Moon talk: Space exploration and the new journalism. Journal of Popular Culture 9(1):142-152.
R. Weber. 1975. Review of George Devine, American Catholicism: Where Do We Go From Here? National Catholic Reporter 11(34):13.
R. Weber. 1975. Review of Michael Novak, Choosing our King: Powerful Symbols in Presidential Politics. Review of Politics 37(3):403-405.
R. Weber. 1975. Review of J.F. Powers, Look How the Fish Live. National Catholic Reporter 12(6):11.

Economics

- Skurski, Roger B.
R.B. Skurski. 1975. Review of Stephen Rosefielde, Soviet international trade in Heckscherohlin perspective: An input-output study. Soviet Studies 27(4): 666-668.
Wilber, Charles K.
C.K. Wilber. 1975. The Soviet model of economic development: A reexamination. Pages 43-58 in, Soviet Economic and Political Relations with the Developing World. Praeger Publishers, New York.

English

- Hasley, Louis L.
L.L. Hasley. 1975. Child Jesus in the Temple. Review for Religious 34(6):1007.
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Werge, Thomas
T. Werge. 1975. The sin of hypocrisy in The Man That Corrupted Hadleyburg and Inferno XXIII. Mark Twain Journal 18:17-18.

General Program of Liberal Studies

- Crowe, Michael J.
J. Michael Crowe. 1975. Ten "laws" concerning conceptual change in mathematics. Historia Mathematica 2:469-470.

History

- DeSantis, Vincent P.
V.P. DeSantis. 1975. The political life of the gilded age: A review of the recent literature. The History Teacher 9:73-106.
Smelser, Marshall
M. Smelser. 1975. The contentious empires. Pages 5-12 in, C.W. Toth, ed. The American Revolution and the West Indies. The Kenikat Press, Port Washington, New York.
M. Smelser and J.R. Gunderson. 1975. American History at a Glance. Harper and Row, New York. ix and 292 pp.

Music

- O'Brien, Robert F.
R.F. O'Brien. 1975. The Spirit of America for SATB Chorus. Cimino Publications, Farmingdale, New York. 6 pp.
Wiskirchen, CSC, George C.
G.C. Wiskirchen, CSC. 1975. A guide to bicentennial nostalgia. Selmer Bandwagon 78:17-19.
G.C. Wiskirchen, CSC. 1975. If we're going to teach jazz, we must teach improvisation. Music Education Journal 62(3):68-75.
G.C. Wiskirchen, CSC. 1975. Jazz-music-intensity-communication. Selmer Bandwagon 76:27-30.

Philosophy

- Moore, Harold F.
H.F. Moore. 1975. The logic of moral justification. Journal of Value Inquiry 9:140-151.
Oesterle, John A.
J.A. Oesterle. 1975. The case for aesthetic objectivism. American Benedictine Review 26(4):448-454.

Psychology

- Borkowski, John G.
P.B. Wanschura and J.G. Borkowski. 1975. Long-term transfer of a mediational strategy by moderately retarded children. American Journal of Mental Deficiency 80:323-333.
T.M. Gruenenfelder and J.G. Borkowski. 1975. Transfer of cumulative-rehearsal strategies in children's short-term memory. Child Development 46:1019-1024.
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M.A. Carranza and E.B. Ryan. 1975. Evaluative reactions of adolescents toward speakers of standard English. International Journal of Sociology of Language 6:83-104.

Sociology and Anthropology

- Kurtz, Richard A.
R.A. Kurtz. 1975. University of Nairobi medical student perceptions of deviant conditions and sick role incumbency. East African Medical Journal 52:257-268.
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R.A. Kurtz and D.J. Giacomassi. 1975. Medical and social work students' perceptions of deviant conditions and sick role incumbency. Social Science and Medicine 9:249-255.
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C.W. O'Neill. 1975. An investigation of reported "fright" as a factor in the etiology of Susto "magical fright." Ethos 3(1):41-63.
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I. Press. 1975. Tradition and Adaptation: Life in a Modern Yucatan Maya Village. Greenwood Press, Westport, Connecticut. 224 pp.
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J. Samora. 1975. Mexican immigration. Pages 60-80 in, G. Tyler, ed. Mexican Americans Tomorrow: Educational Economic Perspectives. University of New Mexico Press, Albuquerque, New Mexico.

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- O'Connor, CSC, Edward D.
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 E.D. O'Connor. 1975. Movimento Carismatico nella Chiesa Cattolica. Vivere In 3(5): 8-10.
 E.D. O'Connor, ed. 1975. Perspectives on Charismatic Renewal. University of Notre Dame Press, Notre Dame, Indiana. xv and 216 pp.
 Ulrich, Eugene
 E. Ulrich. 1975. 4QSam^a and septuagintal research. Bulletin of the IOSCS 8:24-39.

Collegiate Seminar

- Chandler, Philip P.
 P.P. Chandler. 1975. Clairaut's critique of Newtonian attraction: Some insights into his philosophy of science. Annals of Science 32:369-378.

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 H.H. Hagedorn, J.D. O'Connor, M.S. Fuchs, B. Sage, D.A. Schlaeger, and M.K. Bohm. 1975. The ovary as a source of α -ecdysone in an adult mosquito. Proceedings of the National Academy of Sciences 72: (8):3255-3259.
 Rai, Karamjit S.
 K.S. Rai. 1975. Review of G. Davidson, Genetic Control of Insect Pests. Bulletin of the Entomological Society of America 21:266-267.
 G. Mathew and K.S. Rai. 1975. Structure and formation of egg membranes in Aedes aegypti. International Journal of Insect Morphology and Embryology 4(5):369-380.
 K.S. Rai and W.K. Hartberg. 1975. Aedes. Pages 311-345 in, R.C. King, ed. Handbook of Genetics. Plenum Publishing Corporation, New York.
 Saz, Howard J.
 H.J. Saz and G.A. Dunbar. 1975. The effects of stibophen on phosphofructokinases and aldolases of adult filariids. Journal of Parasitology 61(5):794-801.

Chemistry

- Basu, Subhash
 S. Basu and J.R. Moskal. 1975. Biosynthesis of gangliosides and neutral glycosphingolipids in cholinergic (NS 20) and adrenergic (N1E 115) neuroblastoma cells before and after differentiation. Pages 23-24 in, Proceedings of the Satellite Meetings on Biochemical and Pharmacological Implications of Ganglioside Function, Cortona, Italy.
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Monthly Summary

Proposals Submitted

IN THE MONTH OF JANUARY, 1976

Department or Office	Principal	Short title	Sponsor	Dollars Months
RESEARCH				
Microbiology- Lobund Lab.	Pollard	Investigations on prostate adenocarcinomas in rats	Natl. Inst. Health	56,684 12
Microbiology- Lobund Lab.	Pollard	Development and study of germ- free buffalo rats	Natl. Inst. Health	7,952 2
Econ., Elec. Eng.	Davisson, Uhran	On constructing a national socio-economic model	General Electric Co.	2,000 12
Philosophy	Gutting	Conceptual frameworks in the philosophy of science	Natl. Sci. Fdn.	14,333 14
Chemical Eng.	Kohn, Luks	Solid solubility of hydrocarbons in light liquid hydrocarbons	Natl. Sci. Fdn.	118,688 24
Advanced Studies	Gordon	Biomedical Sciences support grant	Natl. Inst. Health	- - - 12
Physics	Khorana, Basu	Dielectric study of normal and tumor cell membranes	Technicon Instr. Corp.	11,197 12
Physics	Johnson	Quantum electrodynamics and processes of current interest	Natl. Sci. Fdn.	33,684 24
Theology	Dwyer	Western spirituality	Lilly Endow.	6,480 4
Center, Study Man	Manier, Wilber, Despres	Interaction between societal val- ues and scientific concepts	Natl. Sci. Fdn.	242,817 24
Chemistry	Fehlner	Polyalanes, synthesis, stabiliza- tion and characterization	Natl. Sci. Fdn.	26,124 12
Microbiology- Lobund Lab.	Pleasants	Effects of microbial flora on nephrocytomegalia in rats	Nutrition Fdn.	14,927 12
Physics	Browne, Chagnon, Darden, Funk	Nuclear structure research	Natl. Sci. Fdn.	231,579 7
Finance	Lanser	Factors causing corporate deconglomerate activity	(Private Fdn.)	48,162 15
Chemistry	Pasto	Chem. and theoretical studies of reactions involving interactions	Amer. Chem. Soc.	36,000 36
Microbiology- Lobund Lab.	Wostmann	Microbial effects in cholesterol metabolism	Natl. Inst. Health	55,619 12
Sociology Anthropology	Sena-Rivera	Chicano extended family as a mental health resource	Natl. Inst. Health	7,100 2.5
Chemistry	Basu	Glycolipid metabolism in tumor and transformed cells	Natl. Inst. Health	44,245 12
FACILITIES AND EQUIPMENT				
Management	Cho	Educational scientific equipment	(Private Fdn.)	65,536 - - -
EDUCATIONAL PROGRAMS				
Psychology	Whitman, Borkowski	Mental retardation training program	Hearst Fdn.	20,000 - - -
Psychology	Whitman, Borkowski	Research training in mental retardation	Natl. Inst. Health	53,231 12
Art	Porter	General program, museum program	Natl. Endow. Arts	21,570 12
English	McDonald	Boundaries of literature	Off. Educ.	45,562 12
English	McDonald	Boundaries of literature	Natl. Endow. Human.	45,562 12
Philosophy	Manier	The roots of our national identity	Ind. Comm. Human.	18,281 2.5

Awards Received

IN THE MONTH OF JANUARY, 1976

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
RESEARCH				
Microbiology- Lobund Lab.	Pollard	Analyses of the process of cancer metastasis	Elsa U. Pardee Fdn.	10,000 12
Aeros. Mech. Eng.	Mueller, Lloyd, MacDonell	Transport phenom. and prosthetic heart valve thrombus formation	Natl. Sci. Fdn.	50,000 12
Theology	Burrell	Evangelization in the American context	J.R. Kennedy Fdn.	1,000 6
Electrical Eng.	Leake, Sain, Melsa	Alternatives for jet engine control	Natl. Aero. Space Admin.	30,000 12
Chemical Eng.	Kohn, Luks	Solubility of hydrocarbons in cryogenic NGL and LNG	Gas Proc. Assocn.	22,212 9
Theology	Burrell	Evangelization in the American context	Most Rev. James P. Rausch	5,000 6
Chemistry	Castellino	Structure-function studies on plasminogen and plasmin	Natl. Inst. Health	56,445 12
Microbiology- Lobund Lab.	Pollard	Development and study of germ- free buffalo rats	Natl. Inst. Health	7,952 2
EDUCATIONAL PROGRAMS				
General Program	Crowe	Faculty seminar on histor. devel. of science and technology	Uniroyal, Inc.	5,000 3
SERVICE PROGRAMS				
Center Human Devel.	Dwyer	Needs assessment program, Diocese Kalamazoo	Diocese of Kalamazoo	2,875 24

Summary of Awards Received and Proposals Submitted

IN THE MONTH OF JANUARY, 1976

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	4	\$ 116,609	4	\$ 66,000	8	\$ 182,609
Facilities and Equipment	-	- - -	-	- - -	-	- - -
Educational Programs	1	5,000	-	- - -	1	5,000
Service Programs	-	- - -	1	2,875	1	2,875
Total	5	\$ 121,609	5	\$ 68,875	10	\$ 190,484

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	6	\$ 400,268	12	\$ 557,323	18	\$ 957,591
Facilities and Equipment	-	- - -	1	65,536	1	65,536
Educational Programs	2	73,231	4	130,975	6	204,206
Service Programs	-	- - -	-	- - -	-	- - -
Total	8	\$ 473,499	17	\$ 753,834	25	\$ 1,227,333

Closing Dates for Selected Sponsored Programs

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

Agency	Programs	Application Closing Dates		
Eleutherian Mills Historical Library	Council on Research in Economic History	April	15,	1976
National Endowment for the Humanities	Education Programs (consultants and planning)	April	1,	1976
National Endowment for the Humanities	Youthgrants in the Humanities	April	1,	1976

documentation

Faculty Senate Journal December 2, 1975

At 7:35 p.m. the chairman, Prof. Paul F. Conway, called the meeting to order in Room 202 of the Center for Continuing Education and requested Prof. Robert W. Williamson to offer a prayer. Prof. John Lyon requested a correction in the minutes of the preceding meeting. Prof. Robert L. Kerby moved acceptance of the minutes of the preceding meeting, including Lyon's correction, and was duly seconded. The motion was passed without dissent. Conway then declared the meeting to be in recess and introduced Rev. James T. Burtchae11, C.S.C., provost of the University.

Burtchae11 commented favorably on what he declared to be the distinctly positive tone of the approach of the Faculty Senate toward the University's work during this present academic year. He then turned to the recommendations to the administration in the recently released report of the Faculty Senate's Committee on the Retired. He believed he could come close to a definitive, and positive, response to each of the recommendations detailed below:

- (1. Assist the retired in organizing and operating a club. Make available to them a room in the University Club or in the CCE at stated hours or on special occasions as requested.)

He was delighted that Professor James Corbett has taken the initiative in organizing the retired. He will be glad to cooperate with the new organization by providing space, as requested, and in other ways, as the occasions may arise.

- (2. Continue the name of each emeritus, resident in St. Joseph County, Indiana, on the mailing list for:

- a. Notre Dame Report
- b. Notre Dame Magazine
- c. Notre Dame weekly calendar
- d. Faculty Handbook and revisions thereof
- e. Applications for faculty football tickets

- (3. Notify each emeritus, not resident in St. Joseph County, Indiana, that he may receive any or all of the items listed in recommendation C.2., by so indicating on a post-card provided. (Recommendations C.2. and C.3. imply that every effort be made to maintain an up-to-date directory of the retired.)

Burtchae11 replied that it has always been the policy of the administration to "keep up the mailing list" although the policy has not been rigorously observed, especially with regard to football tickets. "All that was asked for will be done." He promised that an up-to-date directory of emeriti will be maintained, and that "... widows will be treated equally."

- (4. Grant permission to each retired person and spouse to audit any course offered at Notre Dame.)

Permission is granted "willingly."

- (5. Afford retired faculty members the maximum possible opportunity for part-time teaching.)

He has shared the concern of some administrators (former Dean Frederick Crosson was cited) regarding the adverse effects (e.g., premature decline) on some who retire immediately after their 65th birthdays. If some persons, who wish to do so, are allowed to continue in full-time employment after 65, it should be primarily because the students must be given the best faculty available. Thus, each person who wishes to continue in full-time employment beyond 65 should be reviewed annually with this criterion in mind, "... but we should be quite stringent about letting persons go on full-time." However, we should provide greater part-time opportunities, especially for those with specialized talents, even though they would be underpaid in view of the limitation imposed by the reception of Social Security payments.

- (6. Guarantee that each person who has retired from the Notre Dame faculty will receive an annual income of not less than \$7,000, including Social Security and other retirement income, for the calendar year 1975, adjusted in subsequent years for increase in cost of living.)

Burtchaeff could not give a definite answer to this proposal at present, but it is being studied carefully. He outlined alternatives for implementing this recommendation, including methods of funding, some minimum service proviso (as at present for the \$5500 guarantee), and inclusion of all sources of income for each retired person. Nor could he say yet whether an automatic escalator clause should be included.

- (7. Each November the administration should publish in ND Report: the number of faculty (65 or 66 years of age, with more than 20 years of service) who retired the past May; the average years of service of these persons; their average University retirement income (TIAA, CREF, and funded past service, corrected for tax shelter additions.)

He had some reservation about publishing the financial data, but he would be happy to share this information with a Faculty Senate Committee which is monitoring the situation. He credited the diligence of the Personnel Office in helping persons about to retire and newly widowed spouses.

- (8. If any change in benefits is made by the University, the Personnel Office should immediately inform those retirees whom it affects.)

He called attention to a new section in the Faculty Handbook which bears on this recommendation. He made a few additional remarks on "trade-offs" between salaries and fringe benefits, not limited to the retired, and opened the meeting to discussion.

Prof. Julian R. Pleasants said that some retirees might be rather sensitive about revealing sources of income other than TIAA, CREF, and Social Security payments. Burtchaeff replied that this was quite understandable, but that the information was necessary for an equitable program. O'Brien, of the Personnel Office, is sending a basic inquiry to all the retired re total income. Professor Robert E. Rodes asked if the University really wants to know what each person receives from Social Security, or if they simply want the assurance that the person is receiving total income less than \$7,000 (if that is to be the minimum).

Prof. Norman B. Haaser stated that, as a matter of principle, no one who has worked at Notre Dame at all should be allowed to retire in dire poverty. Burtchaeff replied that if no service proviso at all (20 years or less) were imposed, the funding could tie up as much as \$270,000. Prof. Kenneth Milani suggested that part of "Endowment C," set up for faculty development and intended mostly as seed money for research, could be used for this purpose. Prof. Peter T. Brady questioned the requirement of \$270,000 for funding the guarantee. Burtchaeff cited recently enacted federal laws which tighten the controls on all pension plans. Alberta B. Ross asked if this sort of thing shouldn't go before the Budget Priorities Committee (BPC). Burtchaeff: "Definitely." Kerby asked, "Since we have problems with trade-offs, will the BPC consider faculty compensation as a fixed fraction of the University's income?" Burtchaeff: "I'm not the one to speak for the BPC but I've never thought before of faculty compensation as a fixed proportion of the University's income." Prof. Vincent P. De Santis pointed out that not only is the additional \$28,000 required (for the first year) a relatively small amount, in view of the University's total budget, but that it is required principally for the oldest, and the need will not continue indefinitely, since TIAA-Social Security payments will ultimately eliminate the provision. Burtchaeff agreed that this view was quite possibly correct.

Burtchae11 then turned attention to another matter. In January, 1972, he had asked the senate to draft a statement dealing with faculty responsibilities. "We have a commitment to our students to set our own standards; it is infinitely preferable for the faculty to define its own duties." He cited a number of universities which do have such faculty-generated codes. He asked the senate once more to assume the responsibility for drafting such a code for this faculty. "We need such a statement."

Burtchae11 then asked the senate to "... increase the attention it has been giving to academic excellence." He cited the problem of grade inflation, and expressed the belief that a study of this problem might lead to the larger issue of grading per se. Note: Father Burtchae11 was not aware of the fact that the senate's Student Affairs Committee had already initiated just such a study and that a discussion of the first draft of their questionnaire had occupied much of the previous meeting of the senate (Nov. 6, 1975), reported in Notre Dame Report 8, 204.

Finally, Burtchae11 repeated his compliments for some of the activities of the senate this year; the earlier the administration can engage in discussion of issues before the senate, the better. He then reopened the meeting for discussion.

Kerby: "If the faculty doesn't produce a code, is there the possibility that the Academic Council might?" Burtchae11: "It is possible, but it would be less desirable." Prof. James E. Robinson pointed out that the AAUP has produced several specific statements of this kind, and that the statement in the Notre Dame Faculty Handbook re dishonesty as a cause for dismissal came from one of them. Law Prof. Robert E. Rodas observed that if the legal profession is not adequately policed, it is "... not for lack of paper rules." Brady cited the code of licensed accountants. Prof. Morton S. Fuchs asked: "Don't we really have a code in the Faculty Handbook?" Burtchae11: "No. The Faculty Handbook gives a minimum standard, as a basis for accosting a defaulting member." What is being asked for is a comprehensive statement about the duties to which we hold ourselves as scholars and teachers.

Prof. Vaughn R. McKim called attention to the fact that although there has been a consolidation of publications and well-defined channels for information flow, there are other universities where more, and more important, information is available. Burtchae11 recognizes this problem, too.

Pleasants informed Burtchae11 that the grade inflation problem has been undertaken by the senate and expressed the hope that the administration would make an input to the study.

The chairman thanked the provost for his visit to the senate and declared a coffee break at 9:17 p.m. He reconvened the meeting at 9:27 p.m.

Prof. Joseph A. Tihen made a brief statement re the hearing on the senate's CAP proposal, to be held next day at the meeting of the Academic Council.

Prof. James T. Cushing announced that the Committee of Collective Bargaining had invited the assistant provost of Oakland University (Michigan) to present a position against collective bargaining.

Ross, chairperson of the Committee on Administration, agreed to postpone discussion of its report to the next meeting. There was no report from the Faculty Affairs Committee. Prof. William E. Biles reported for the Student Affairs Committee that the revised questionnaire is ready to be mailed to the faculty. Fuchs, supported by Professors Kenneth E. Goodpaster and Paul Bosco, moved, and was seconded by Kerby, that the mailing be postponed to the beginning of the second semester. The motion was passed without dissent.

Cushing reintroduced the motion which he had made at the preceding meeting (see ND Report, 8, 205), discussion of which had been postponed to the meeting of Dec. 2. Prof. James P. Danehy called the question, there was no objection, and the motion was passed with no dissent.

Fuchs reported that athletes in a freshman biology course are doing significantly worse than other students. Is this a general problem? Should we discuss it? The chairman suggested that Fuchs submit a written statement to the Committee on Student Affairs for their consideration.

The meeting was adjourned at 9:42 p.m.

Those absent but not excused were: James O. Bellis, sociology and anthropology; Gary M. Gutting, philosophy; Sheridan P. McCabe, graduate studies in education; Victor W. Nee, aerospace and mechanical engineering.

Respectfully submitted,

James P. Danehy
Secretary
The Faculty Senate

Highlights of the 1974-75 Annual Report

The financial statements of the University as of June 30, 1975, are reported for the second year in accordance with the guidelines established by the American Institute of Certified Public Accountants (AICPA). I refer you to my letter of last year (NDR Vol. 4, No. 9, 228-29) for the important changes that had to be made in the reporting of our financial figures. This year we are able to again show comparisons with the prior year.

We wish to repeat once again these words of the guidelines: "The statement of current funds revenue, expenditures, and other changes is a statement unique to educational and similar institutions. It is a statement of financial activities of current funds revenues by source, current funds expenditures by function, and all other changes in current funds. It does not purport to present the results of operations or the net income or loss for the period as would a statement of revenues and expenses." These words should be kept in mind in reading this particular statement.

Now let me comment on the financial results for the past year. In 1974-75 the various fund balances increased by \$5,516,000 compared with an increase of \$6,388,000 in 1973-74 and \$10,104,000 in 1972-73.

Current funds unrestricted showed an increase in the fund balance of \$757,127. We welcomed this improvement since it bolstered our working capital which had suffered considerable erosion in recent years.

The endowment fund balance rose by \$2,900,000 but it is interesting to note that the market value at June 30, 1975, was \$17,000,000 above the market value as of June 30, 1974. This was due to the stock market recovery.

Plant funds increased \$735,000. Employees retirement and other benefits funds increased by \$960,000. The other fund balances increased only slightly.

In connection with plant funds, it should be noted that while buildings and equipment had a book value of \$72,171,572, replacement value as of June 30, 1975, was \$211,040,000.

While the year 1974-75 was successful inasmuch as we avoided deficit financing, it is clear that sophisticated planning is increasingly necessary if the University is to survive and continue to prosper. As an aid to this objective, The President of the University recently established a Budget Priorities Committee composed of ex-officio and elected members from the administration and faculty. Its function is to examine the cost centers of the University to determine where economies can be made without adversely affecting the quality of a Notre Dame education. As its name implies, the committee will also concern itself with identifying academic priority areas for the allocation of scarce resources.

Also, it is equally apparent to the officers and trustees of the University that our future success, both academically and financially, depends upon the undergirding of our operations with a more substantial endowment. We are happy to report that to date 12 endowed chairs have been funded, six others are now in the process of being funded. This, of course, is a giant step forward and augurs well for the academic and financial soundness of the University in the future.

In these inflationary times a comment is due on the effect of inflation on University operations. It is true that inflation has affected the expenditures of all University departments-some more than others. It has been felt most drastically in the dining halls because of rising food costs and in the power plant because of the rapid increase in the cost of fuel. The power plant budget in 1973-74 was \$1,840,000; in 1974-75 it was \$2,368,000; in 1975-76 it has increased to \$2,881,000. This is an increase of 56 per cent in just two years' time. Another way of stating this is that it has amounted to an increase of \$125 per student over the two-year period.

We are deeply indebted to our alumni, to the religious of Holy Cross, and to those many corporations, foundations, parents and friends of the University who contributed so generously to the University in 1974-75.

Jerome J. Wilson, C.S.C.
Vice President, Business Affairs

Expenditures and Transfers	Current Fund operations	\$ 60,355,041
In Operations	Instruction	\$ 16,532,865
	Sponsored Programs	\$ 6,267,867
	Libraries	\$ 1,760,181
	Physical plant	\$ 3,087,168
Resources	Current Fund Operations	\$ 61,255,273
For Operations	Student Tuition and fees	\$ 23,138,815
	Sponsored programs	\$ 6,267,867
	Endowment income used	\$ 1,560,152
Student Aid	Scholarships, fellowships, grants	\$ 4,393,203
Gifts	Total	\$ 5,550,119
	Unrestricted	\$ 2,856,696
Financial	Endowment at market	\$ 93,862,807
	Investment in physical plant -	
	carrying value	\$ 75,413,276
	Physical plant at insured	
	replacement value	\$211,040,000
Statistics	Enrollment - undergraduate	6820
	Enrollment - graduate	1988
	Degrees awarded - bachelor	1623
	Degrees awarded - advanced	731
	Tuition - undergraduate	\$2,782
	Tuition - graduate	\$2,600
	Faculty	734

Memo on the Appointment of STATIS Team

TO: Members of the Notre Dame Community

FROM: Leo M. Corbaci, Dean of Administration, Chairman of CASPAD

SUBJECT: Appointment of Project Team for Development of STATIS - PHASE II

One of the principal responsibilities of the Committee for Administrative Systems, Planning and Development (CASPAD) is the assignment of priorities for development of various components of the University-wide Management Information System. In the past, CASPAD has grouped administrative data into channels of information and project teams have been organized to develop administrative systems, as resources permit.

Project STATIS (Student Affairs Total Information System) - PHASE I, under the direction of Daniel J. Osberger, assistant dean of administration, is completing a data base system for all University admissions offices. At this time, CASPAD announces formation of a project team to undertake development of STATIS - PHASE II. The new team will be responsible for integration of the admissions processes and the development of new data collection and retention procedures for all offices which maintain student records. Rev. James T. Burtchael, C.S.C., provost, requests the cooperation of all offices in support of this project. The project team will be headed by Richard J. Sullivan, registrar, and members will include Charles Arentowicz, Management Information Systems analyst; Louis Dalkowski, data base analyst; and Mary Campbell and David Richardson, administrative applications analysts.

The STATIS - PHASE II team has undertaken a task which is expected to enable the University's Management Information System to provide more meaningful data for decision-makers and improve the internal administrative efficiency of all offices using student information. As project director, Sullivan will invite representatives from departments concerned with student data to meetings with the team and, when advisable, to serve on the project advisory committee.

On behalf of CASPAD and the STATIS - PHASE II team, I solicit the active and interested support of all university administrators, faculty, staff and students.

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