

N.D. Coll.

UNIVERSITY OF
NOTRE DAME

JUL 11 1974

NOTRE DAME
COLLECTION

'73'74

notre dame report

July 5, 1974

contents

the university

- 351 Summer session enrollment
- 351 Railroad shutdown
- 351 Art Gallery gift
- 351 Tuition increase
- 352 Fellow appointed

faculty notes

- 352 University appointments
- 352 Non-university appointments
- 353 Miscellany
- 353 Necrology

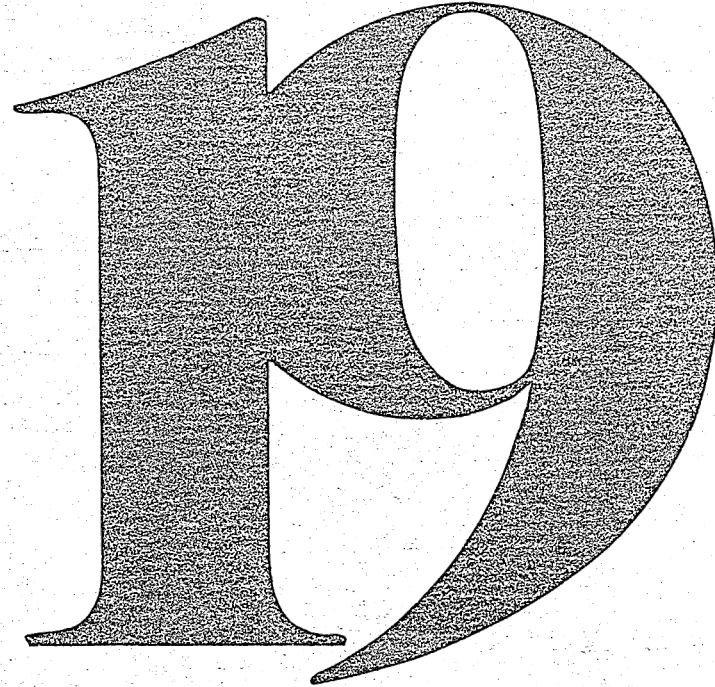
office of advanced studies

- Information Circulars
- 354 National Endowment for the Humanities New Program of National Institute for the Humanities (No. FY74-105)
- 355 Department of Housing and Urban Development Research Support in Housing and Urban Studies (No. FY74-106)

- 355 Council on Library Resources Fellowships Program (No. FY74-107)
- 355 American Council of Learned Societies Fellowships and Grants (No. FY74-108)
- 356 Current Publications and Other Scholarly Works
- 360 Monthly Summary
- 362 Summary of Awards Received and Proposals Submitted
- 362 Closing Dates for Selected Sponsored Programs

documentation

- 363 Commencement Address
- 366 Faculty Handbook Revisions
- 367 Tuition Benefits
- 367 Beach Regulations
- 368 Energy Conservation Committee
- 369 Unemployment Insurance
- 370 The Faculty Senate Journal May 7, 1974
- 372 Faculty and Staff Parking
- 372 Copy Center Delivery System



the university

Summer session enrollment

An estimated 2,200 students, an increase over last year's 2,100, are taking part in Notre Dame's 1974 Summer Session which began June 25.

Classes will continue through Wednesday, Aug. 7, and commencement ceremonies will be at 11 a.m. Aug. 9 in the Athletic and Convocation Center after final examinations on Aug. 8.

Registration in Law School classes has doubled this year, according to Rev. Robert J. Austgen, C.S.C., director of the Summer Session.

Railroad shutdown

The University opposed the shutdown of six South Bend area freight railroad lines in testimony by its general counsel, Philip J. Faccenda, before a public hearing of the Interstate Commerce Commission June 6 in South Bend. Faccenda testified that almost 1,000 carloads a year of supplies, primarily of coal, come into the University via the Penn Central spur each year. Trucking would, he stated, add \$5 a ton to the 60,000 tons of coal used each year, creating an additional \$300,000 in cost to the University for its primary fuel.

Art Gallery gift

A rare Italian painting of the Madonna and Child, completed by an unidentified Florentine master, has been presented to the University of Notre Dame Art Gallery by a long-time friend, John Walker, Washington, D.C. The painting is now receiving careful examination by art authorities and is being prepared for display in the Art Gallery later this summer.

Walker, a former director of the National Gallery of Art in Washington, considered the painting to be one of the most cherished possessions of him and his wife. It was presented to the Walkers in 1937 as a

wedding present from Bernard Berenson, distinguished art historian. Walker also served for several years as chairman of the advisory council to the Art Gallery at Notre Dame.

Rev. Anthony J. Lauck, C.S.C., director of the University's gallery, said the artist has been identified only as the "Master of San Miniato" and lived in Florence. He is said to have been a follower of Fra Filippo Lippi and the young Botticelli and was also influenced by Cosimo Reselli. Paintings by these artists are already a part of the Notre Dame collection.

Tuition increase

The University of Notre Dame has raised undergraduate tuition, room and board a total of \$200.

In a letter mailed to parents of 6,600 undergraduates, Rev. Theodore M. Hesburgh, C.S.C., said 1974-75 tuition would be raised \$166 to \$2,782 and that room and board would go up \$34 to an average of \$1,169.

Father Hesburgh said the action of the University's trustees was due to "the veritable explosion in costs which has had an impact on college and universities everywhere." Because of "better than anticipated results in the current fiscal year," he added, "the increase is less than we at first projected." He also noted that 54 per cent of the University's undergraduates receive some form of financial aid.

Tuition for graduate students went up \$184 to \$2,600.

Fellow appointed

Rev. Ernest J. Bartell, C.S.C., president of Stonehill College, North Easton, Mass., and a former University of Notre Dame faculty member, has been elected a Fellow and Trustee of the University.

The Fellows--12 in number and evenly divided between members of the Priests Society of the Indiana Province of the Congregation of Holy Cross and lay

persons--were created when the University changed over to lay governance in 1967. While most governance of the University is exercised by its Board of Trustees, certain powers, such as the election of Trustees and the amending of the University's bylaws and statutes, are reserved to the Fellows.

Father Bartell, a 1953 Notre Dame alumnus who earned his doctorate in 1966 from Princeton, was chairman of the Department of Economics and acting director of the Center for the Study of Man at Notre Dame when he assumed the presidency of Stonehill in 1971.

faculty notes

University appointments

Dr. William B. Berry, professor of electrical engineering, has been named assistant dean of the College of Engineering. The appointment was announced by Dr. Joseph C. Hogan, dean of engineering.

Carl Magel has been appointed associate director of printing and publications by Ronald R. Parent, director.

Daniel J. Saracino has been appointed associate director of admissions, it was announced by Rev. James T. Burtchaell, C.S.C., provost. For the last four years he has served as assistant director of the department, which is directed by John T. Goldrick.

Non-university appointments

Dr. Thomas P. Bergin, Dean, Center for Continuing Education, has been reelected to a three-year term on the board of directors of the Michiana Arts and Sciences Council.

Dr. John A. Kromkowski, assistant professor of government and international studies, has been appointed to the National Committee of the United States Catholic Conference Campaign for Human Development. He also was invited to serve on the Indiana Advisory Coordinating Council on Public Management, a State of Indiana and U.S. Civil Service Commission sponsored review board.

Dr. Ettore A. Peretti, assistant dean of the College of Engineering, has been elected a fellow of the American Society for Metals. The honor, bestowed by the organization's board of trustees, recognizes distinguished contributions in the field of metals and materials and develops a broadly based forum for technical and professional leaders to serve as advisors to the society. It will be conferred at the Convocation of Fellows following the society's annual meeting October 22, 1974 in Detroit.

Miscellany

Dr. Charles W. Allen, professor of metallurgical engineering, presented a paper entitled "Utilization of Diffraction Fine Structure in Electron Microscopy" at the spring meeting of the Metallurgical Society of AIME in Pittsburgh on May 22.

Dr. John J. Bernardo, assistant professor of management, presented a paper entitled "The Use of Qualitative Information in a Quadratic Programming Problem: The Case of Office Layout," at the Logistics Research Conference sponsored by the Office of Naval Research. The conference was held at the George Washington University, Washington, D.C., May 8-10.

Dr. Raymond M. Brach, associate professor of aerospace and mechanical engineering, gave a lecture to the American Society of Mechanical Engineers Student Chapter spring banquet entitled "Product Liability and Civil Lawsuits." On May 13, Dr. Brach also addressed the Michiana Division of The Society of Automotive Engineers. This talk was a review of vibration theory and applications entitled "Do Your Products Shake, Rattle and Roar?" Dr. Brach also attended the Conference of the American Society for Engineering Education held at Rensselaer Polytechnic Institute, Troy, N.Y., June 17-20, and presented an invited lecture entitled "Using Existing University Buildings and Other Facilities as Laboratory Space for Undergraduate Acoustics Classes."

Dr. Stephen D. Kertesz, director, Institute for International Studies, participated in the annual meeting of the "Committee on Atlantic Studies" in New Orleans, May 9-10. The conference was sponsored by the Atlantic Council of the United States.

Dr. Brij M. Khorana, assistant professor of physics, was invited by the Michigan State University to present a Solid State Physics Seminar on April 15. The title of his talk was "The Lambda-point of Liquid Helium."

Dr. George C. Kuczynski, professor of metallurgical engineering, chaired a session and presented an invited paper on oxidation at the meeting of The Electrochemical Society in San Francisco on May 17, 1974.

Dr. William H. Leahy, associate professor of economics, served as chairman of a session on "Housing Capital" at the Western Economics Association Meetings held in Las Vegas, Nev., June 9-12.

Dr. Lawrence H.N. Lee, professor of aerospace and mechanical engineering, presented a paper entitled "Bifurcation and Uniqueness in Dynamics of Elastic-Plastic Continuum" at the Seventh U.S. National Congress of Applied Mechanics at the University of Colorado, Boulder, Colo., June 3-7.

Dr. John R. Lloyd, assistant professor of aerospace and mechanical engineering, attended a Fire Research Meeting in Atlanta, Ga., May 27-30 and presented a paper entitled "Fire and Smoke Spread in Corridors."

Dr. Albert E. Miller, associate professor of metallurgy, presented a paper entitled " RCO_2 and R_2CO_{17} as Layer Structures: The Question of Multiple Structures and Faulting" at the International Magnetism Conference in Toronto on May 16.

Dr. O. Timothy O'Meara, professor of mathematics, spoke to the Mathematics Colloquium of the University of Oklahoma on "Linear Groups" on April 2. On May 18, he delivered a one-hour invited address entitled "Hilbert's 11th Problem: Quadratic Forms With Any Algebraic Numerical Coefficients" to the 715th meeting of the American Mathematical Society and the Symposium on Mathematical Developments Arising from the Hilbert Problems, held at DeKalb, Ill. On May 22, Dr. O'Meara spoke to the Mathematics Colloquium at Dartmouth College on "Indecomposable Positive Definite Quadratic Forms."

Dr. Paul A. Rathburn, assistant professor of English, in collaboration with Dr. John O. Meany, associate professor of education, presented a paper entitled "The 'Meaning' of Shakespeare's A Midsummer Night's Dream: Image and Symbol" at the Notre Dame Jung Conference held in the Center for Continuing Education at Notre Dame on April 19-20.

Dr. Albin A. Szewczyk, professor of aerospace and mechanical engineering, served as a Session Vice Chairman at the Seventh U.S. National Congress of Applied Mechanics at the University of Colorado, Boulder, Colo., June 3-5.

Necrology

Sir Arnold Lunn, former assistant professor of apologetics at Notre Dame and celebrated English author, died recently at the age of 86.

Dr. Ernest J. Wilhelm, professor emeritus of chemical engineering, died May 10 in South Bend.

office of advanced studies

Information Circulars

National Endowment for the Humanities New Program of National Institute for the Humanities

NO. FY74-105

The National Endowment for the Humanities has announced a grant of up to \$2,751,568 to Yale University to support the establishment of the first National Institute for the Humanities. This is the Endowment's first venture in a new program of National Institutes designed to encourage interdisciplinary study and teaching in the humanities.

The National Institute at Yale will be one of several to be established at major universities across the country in the next few years. Each National Institute will be located at a major university center, where demonstrated faculty interest in interdisciplinary teaching and scholarship and excellent library facilities will provide a sound basis for the operations of the Institute. Each Institute will be considered as a national resource and will exist for a specified period of time, approximately four years. During that period it will explore a specific theme, topic, or group of related topics of broad educational and intellectual significance, particularly for undergraduate colleges.

The National Institute at Yale University will be organized around the general theme, "The Humanities and the National Life." The Institute's main objectives are to enhance humanities instruction and to prepare college teachers to bring new courses and programs to their home institutions. The Yale Institute will be in the planning stage during 1974-75 and will be operational for the following three years. The Endowment's grant will support the Institute for all four years.

During each of the operational years, ten Senior Fellows and ten Junior Fellows will attend the Institute. Junior Fellows will

be selected by the Institute's executive committee from nominations submitted to it by presidents and academic deans of colleges and universities throughout the country. Senior Fellows will be selected by the staff of the Institute from a list of candidates suggested by professional associations, learned societies, and members of the academic community.

The main theme, "The Humanities and the National Life," will be divided by years into three topics: "American Roots," "Humanistic Values," and "Educational Applications." Groups of Institute Fellows, representing various disciplines, will investigate aspects of each of these topics. An assessment of American Studies programs is a major subtopic for the first year.

So that Fellows can put into practice the knowledge they will have gained at the Institute, the Fellows' home colleges will be eligible to apply to the National Endowment for the Humanities for small Demonstration grants. These grants will support experimental courses and programs which result directly from the work conducted by the Fellow during his period at the National Institute. Demonstration grants have two related purposes: to allow colleges that nominate Fellows to the National Institute to test new interdisciplinary programs; and to give Fellows the opportunity to put their Institute experiences to use as teachers. Demonstration grants are for a period of one year and will average \$20,000.

Department of Housing and Urban Development Research Support in Housing and Urban Studies

NO. FY74-106

Since the establishment of the Office of Policy Development and Research as a focal point for the initiation and coordination of research within the Department of Housing and Urban Development, OPDR has received many inquiries from universities regarding their possible participation in urban research programs. OPDR is now studying additional ways to fund urban research activities at universities that will complement their substantial research programs

A copy of a brochure containing: (1) Guidelines for submitting Unsolicited Proposals; (2) Doctoral Candidate Announcements; and (3) Guidelines for Submission of Proposals for Doctoral Dissertation Grants in Housing and Urban Studies Research is available in the Office of Research and Sponsored Programs.

Council on Library Resources Fellowship Program

NO. FY74-107

Since 1969 the Council on Library Resources has offered a limited number of fellowships each year to mid-career librarians of the United States and Canada who have demonstrated a strong potential for leadership in the profession. Similar to the traditional sabbaticals enjoyed by their faculty colleagues, the fellowships enable successful applicants to pursue a self-developed study or research project aimed at improving their competence in the substantive, administrative, and/or technical aspects of librarianship.

Applicants must be librarians or other professionals serving the library community with U.S. or Canadian citizenship or resident status in either country. Their employers must be willing to provide them with a period of continuous leave of from three to nine months in which to carry out the proposed program. No exceptions can be made to this requirement. A final report must be submitted to the Council. The fellowships are not intended to support work toward an advanced degree in librarianship, although course work which complements a candidate's program and is outside the normal professional curriculum may be considered. CLR Fellows retain full

rights to the results of their programs and are encouraged to seek publication of their final reports and to write articles and make professional presentations based on their findings.

The Fellowships are intended to cover costs during a period of continuous leave from three to nine months. They do not cover salary but are for expenses incident to the proposed program. It is expected that salary while on leave of absence will be paid by the parent institution. Some candidates may find an internship with a particular institution or institutions the most profitable use of the fellowship opportunity. Such applicants should clearly define their goals and make certain that appropriate internship arrangements can be made.

Applications are first evaluated by a screening committee of eminent librarians; final selections are made by the Council's Fellowship Committee. In reviewing the applications emphasis will be placed on the thought and care given to the development of the proposed study, investigation, training, or internship; its usefulness to the profession as a whole; and on the candidate's professional qualifications.

Completed applications must be postmarked no later than November 9, 1974. For further information, contact the Office of Advanced Studies, Extension 7378.

American Council of Learned Societies Fellowships and Grants

NO. FY74-108

The Council has announced the competitions to be held in 1974-75 for its fellowships and grants. The ACLS Fellowships for research in the humanities have a deadline date of October 15, 1974. The Grants-in-Aid in support of significant humanistic research have two deadlines, September 30, 1974 and February 15, 1975. Study Fellowships for young scholars in the humanities to enlarge their range of knowledge by study inside or outside the humanities in disciplines other than their present specialization and which normally will employ a different methodology have November 1, 1974 as a deadline. Other grants and their deadlines are: Grants for Soviet Studies-December 31, 1974; Grants for East European Studies-December 31, 1974; Grants for Study of East European Languages-February 3, 1975; Grants for Research on Chinese Civilization-December 2, 1974; and Grants for Research on South Asia-December 2, 1974. In addition, February 15, 1975 is the deadline for

Travel Grants to International Conferences
Abroad and conferences held in the United
States or Canada under the programs in
East-European Studies.

For all of the programs (except that for
Study of East European Languages) appli-
cants are required to hold the doctorate
or its equivalent as of the stated dead-
line and must be citizens or permanent
residents of the United States or Canada.
Application should be made under one pro-
gram only. If the proposed research lies
within the scope of one of the area pro-
grams, the application should be so di-
rected; it may not be considered under
any of the general categories. For fur-
ther information, contact the Office of
Advanced Studies, Extension 7378.

Current Publications And Other Scholarly Works

ARTS AND LETTERS HUMANISTIC AND SOCIAL STUDIES

American Studies

- Weber, H. Ronald
H.R. Weber. 1974. Criticism does O'Connor
injustice. National Catholic Reporter,
7 June:13.

Art

- Kinsey, Douglas
D. Kinsey. 1974. Group exhibition: 4 oil
paintings. University Gallery, Univer-
sity of Minnesota, Minneapolis, Minn.
January and February, 1974.
D. Kinsey. 1974. Group exhibition: 2 oil
paintings. Washington Gallery, Frank-
fort, Ind. March, 1974.
Vogl, Don G.
D.G. Vogl. 1973. Morning-Afternoon. Lith-
ography. Exhibited in the J.B. Speed
Museum, Louisville, Kentucky.
D.G. Vogl. 1974. Bite for Bite. Oil and
assemblage. Cherry Pie. Oil. Perimeter.
Acrylic. Vista. Watercolor. University
of Minnesota, Minneapolis, Minnesota.
D.G. Vogl. 1974. One man show. 54 works
including 18 graphics, 18 paintings, and
18 drawings. University of Notre Dame
Art Gallery, Notre Dame, Indiana.
D.G. Vogl. 1974. Gateway. Lithograph.
Anderson Fine Art Center, Anderson,
Indiana.
D.G. Vogl. 1974. Basin. Silkscreen.
Gateway. Lithograph. Chicago Art Insti-
tute Rental Gallery, Chicago, Illinois.
D.G. Vogl. 1974. At the heart of things.
Lithograph. Springfield Art Association,
Springfield, Illinois.
D.G. Vogl. 1974. Gateway. Lithograph.
Sheldon Swope Art Gallery, Terre Haute,
Indiana.

- D.G. Vogl. 1974. Holocaust. Acrylic.
Gateway. Lithograph. Fort Wayne Museum
of Art. Fort Wayne, Indiana.
D.G. Vogl. 1974. Table Lamp. Watercolor
Vista I. Watercolor. Washington Gal-
lery, Frankfort, Indiana.
D.G. Vogl. 1974. The Chase. Watercolor.
Gateway. Lithograph. Hammond Art Center,
Hammond, Indiana.
D.G. Vogl. 1974. Gateway. Lithograph.
Indianapolis Museum of Art, Indianapolis,
Indiana.

Economics

- Leahy, William H.
W.H. Leahy. 1974. On goldfields, librar-
ies, cities and schumpeter. The American
Economist 18:142-145.

- Worland, Stephen T.
S.T. Worland. 1974. The missing dimen-
sion of affluence: Teleology. Social
Science Quarterly 54(4):854-863.

General Program of Liberal Studies

- Bird, Otto A.
O.A. Bird and T. Musial. 1973. Great
books programs: The rationale of great
books education. Pages 159-179 in
Encyclopedia of Library and Informa-
tion. Dekker, New York.
O.A. Bird. 1974. Humanities. Ency-
clopedia Britannica, 15th edition.
8:1179-1183.
O.A. Bird. 1974. Bergson. Encyclo-
pedia Britannica, 15th edition.
2:843.
O.A. Bird. 1974. Kant. Encyclo-
pedia Britannica, 15th edition.
10:390.
O.A. Bird. 1974. Lesniewski. Ency-
clopedia Britannica, 15th edition.
10:832.
O.A. Bird. 1974. The idea of justice.
Pages 200-249 in The Great Ideas
Today. Encyclopedia Britannica,
Chicago, Ill.
Crowe, Michael J.
M.J. Crowe. 1972. Lobachevsky. En-
cyclopedia Americana 17:632.
Government and International Studies
Bartholomew, Paul C.
P.C. Bartholomew. 1974. The Supreme Court
of the United States, 1972-1973. Western
Political Quarterly 27(1):164-181.
Cour, Raymond F., C.S.C.
R.F. Cour, C.S.C. 1973. Democracy in
crisis. Review of Politics 35:427-430.
Kertesz, Stephen D.
S.D. Kertesz. 1974. Review of Charles
E. Bohlen's A Diplomat Without Illusion.
Review of Politics 36:318-323.
Moody, Peter R., Jr.
P.R. Moody, Jr. 1973. The Chinese
Proteus. Review of Politics 35(4):576-
581.

P.R. Moody, Jr. 1974. The new anti-confucian campaign in China: The first round. Asian Survey 14(4):307-324.

P.R. Moody, Jr. 1974. Some cycles of cathay. Review of Politics 36(1):195-197.

Niemeyer, Gerhart

G. Niemeyer. 1973. The role of ideology in Communist systems. Orbis 17(3):778-792.

G. Niemeyer. 1974. Ethics and politics in Communism. Imprimis 3(4):6 pp.

G. Niemeyer. 1974. The prophetic calling of Solzhenitsgn. National Review 26(11):320-321.

History

Fitzsimons, Matthew A.

M.A. Fitzsimons. 1974. The Catholic University: Problems and prospects. Notre Dame Journal of Education 4(3):250-257.

M.A. Fitzsimons. 1974. Review of F.S. Northedge and M.J. Grieve, A Hundred Years of International Relations. University of Notre Dame Library Newsletter 5(2):31-33.

M.A. Fitzsimons. 1974. The role of providence in history. Review of Politics 35(3):386-397.

M.A. Fitzsimons. Review of A.J.P. Taylor, Beaverbrook. Review of Politics 36(2):309-313.

Philosophy

Chroust, Anton-Hermann

A.-H. Chroust. 1973. Aristotle: New Light on His Life and on Some of His Lost Works. Univ. of Notre Dame Press, Notre Dame, Indiana. 2 vols., vol. I, pp. xxvi, 437; vol. II, pp. xx, 500.

Delaney, Cornelius F.

C.F. Delaney. 1973. C.S. Peirce on science and metaphysics. Pages 50-70 in H. Wagner, ed. Archiv Fur Geschichte Der Philosophie, Walter de Gruyter, Berlin, New York.

Psychology

Dawson, William E.

W. Engeland and W.E. Dawson. 1974. Individual differences in power functions for a one week intersession interval. Perception and Psychophysics 15:349-352.

R.G. Wanschura and W.E. Dawson. 1974. Regression effect and individual power functions over sessions. Journal of Experimental Psychology 102:806-812.

Whitman, Thomas L.

T.L. Whitman and D.F. Willson. 1973. Effects of imitative and verbal cueing procedures on the instruction-following behavior of three severely retarded children. Research Relating to Children 31:88-89.

T.L. Whitman and S.I. Taub. 1973. Transfer from a classically conditioned to an instrumentally learned response. Research Relating to Children 32:49-50.

Sociology and Anthropology

Weigert, Andrew J.

A.J. Weigert and D. Thomas. 1974. Secularization: A five culture study of Catholic adolescents. Sociological Analysis 35:1-23.

Speech and Drama

Adams, Faith E.

F.E. Adams. 1973. Costume design and supervision. William Shakespear's Richard III. ND-SMC Thearte, Notre Dame. October.

F.E. Adams. 1973. Costume design and supervision. Jean Avouilh's Thieves' Carnival. ND-SMC Theatre, Notre Dame November.

F.E. Adams. 1974. Costume design and supervision. John Gay's The Beggars' Opera. ND-SMC Theatre, Notre Dame. April.

Bain, Reginald F.

R.F. Bain. 1973. Director. Shakespeare's Richard III. O'Laughlin Auditorium. Saint Mary's College, Notre Dame.

R.F. Bain. 1973. Director. Dorthy Dayton Stone's play for children Pinocchio. Little Theatre, Saint Mary's College, Notre Dame.

Ballinger, Charles A.

C.A. Ballinger. 1973. Director. Jean Anouilh's Thieves Carnival. ND-SMC Theatre Program, Washington Hall, Notre Dame. November.

C.A. Ballinger. 1973. Director. Joseph Golden's Johnny Moonbeam and the Silver Arrow. ND-SMC Summer Theatre. Saint Mary's College, Notre Dame. July.

C.A. Ballinger. 1973. Director. Paul Zindell's The Effect of Gamma Rays on Man-In-The-Moon Marigolds. ND-SMC Summer Theatre. Saint Mary's College, Notre Dame. July.

Syburg, Frederic W.

F.W. Syburg. 1974. Director. John Gay's The Beggar's Opera. ND-SMC Theatre, Notre Dame. April-May.

F.W. Syburg. 1973. Director. George S. Kaufman and Moss Hart's The Man Who Came to Dinner. ND-SMC Summer Theatre, Notre Dame. July-August.

Theology

Burtchaeil, James T., C.S.C.

T.T. Burtchaeil, C.S.C. 1974. Why we need to confess. Ave Maria Press. Cassette. Running Time:37 minutes.

Ford, J. Massyngberde

J.M. Ford. 1974. Order for the ordination of a deaconess. Review for Religious. 33(2):308-314.

Yoder, John H.

J.H. Yoder. 1973. Exodus and exile: The two faces of liberation. Cross Currents 23(3):297-328.

SCIENCE

Biology

BUSINESS ADMINISTRATION

Finance and Business Economics

Kilbride, Bernard J.

B.J. Kilbride. 1974. Analyzing your statements. NARDA Institute of Management's Business Library of Cassette Recordings. Cassette nos. 87306 and 87307. Running Time: Two hours.

Management

Bella, Salvatore J.

S.J. Bella. 1974. You as a manager. NARDA Institute of Management's Business Library of Cassette Recordings. Cassette Nos. 87301 and 87302. Running Time: Two hours.

Heisler, William J.

W.J. Heisler. 1974. MBA perceptions of promotion practices in business: An exploratory factor analytic view. Pages 111-121 in M.J. Gannon, ed. Proceedings of the Eleventh Annual Conference of the Eastern Academy of Management. University of Maryland, College Park, Maryland.

ENGINEERING

Aerospace and Mechanical Engineering

Ariman, Teoman

T. Ariman, M.A. Turk, and N.D. Sylvester. 1974. On steady and pulsatile flow of blood. Journal of Applied Mechanics 41(1):1-7.

T. Ariman, M.A. Turk, and N.D. Sylvester. 1974. Applications of microcontinuum fluid mechanics. International Journal of Engineering Science 12:273-293.

M.J. Zika and T. Ariman. 1973. Axial cracks in cylindrical shells subjected to thermal and mechanical loads. Proceedings of the 2nd International Conference on Structural Mechanics in Reactor Technology in Berlin, Germany, September 10-14, 1973. 6 pp.

Lucey, John W.

J.W. Lucey. 1974. Engineering faculty who teach literature. Engineering Education 64(8):594-595.

Chemical Engineering

Strieder, William C.

W.C. Strieder and R. Aris. 1973. Variational methods applied to problems of diffusion and reaction. Springer Tracts in Natural Philosophy, Springer-Verlag, Heidelberg, 24: ix + 109.

Fuchs, Morton S.

D.A. Schlaeger, M.S. Fuchs, and S.H. Kang. 1974. Ecdysone mediated stimulation of dopa decarboxylase activity and its relationship to ovarian development in Aedes aegypti. Journal of Cell Biology 61:454-465.

Greene, Richard W.

R.W. Greene, 1973. Determination of photosynthetic function in algal and chloroplast symbionts in opisthobranchs. Opisthobranch Newsletter 5(9):52-55.

R.W. Greene. 1974. Determination of photosynthetic function in algal and chloroplast symbionts in opisthobranchs. The Echo 6:19-20.

Kohler, Peter

P. Kohler and K. Hanselmann. 1973. Intermediary metabolism in Dicrocoelium dendriticum (Trematoda). Comparative Biochemistry and Physiology 45B:825-845.

McIntosh, Robert P.

R.P. McIntosh. 1974. Plant ecology. 1947-1972. Annals of the Missouri Botanical Garden 60:133-165.

Rai, Karamjit S.

*M.A. Zaman and K.S. Rai. 1973. Chromosomal chimera in the gamma-irradiated progeny of collinsia heterophylla buist, scrophulariaceae ($2n = 14$). Bangladesh Journal of Botany 2(1):77-81.

*M.A. Zaman and K.S. Rai. 1973. Partial floral chimera due to somatic crossing over in collinsia heterophylla buist, scrophulariaceae. Bangladesh Journal of Botany 2(2):7-10.

*K.S. Rai, N. Lorimer, and E. Hallinan. 1974. The current status of genetic methods for controlling Aedes aegypti. Pages 119-132 in R. Pal and M.J. Whitten, eds. The Use of Genetics in Insect Control. Elsevier/North-Holland, Amsterdam.

Saz, Howard J.

V.C. Tsang and H.J. Saz. 1973. Demonstration and function of 2-methylbutyrate racemase in Ascaris lumbricoides. Comparative Biochemistry and Physiology 45B:617-623.

E.J. Wang and H.J. Saz. 1974. Comparative biochemical studies of Litomosoides carinii, Dipetalonema viteae, and Brugia pahangi adults. Journal of Parasitology 60:316-321.

Weinstein, Paul P.

P.P. Weinstein and B. Highman. 1974. Infection of the jird, Meriones unguiculatus, with the filarial worm, Dipetalonema viteae: Central nervous system invasion and pathology. Journal of Parasitology 60:138-148.

*Under the Radiation Laboratory

Chemistry

- Bottei, Rudolph S.
R.S. Bottei and C.P. McEachern. 1974. Thermogravimetric study of some divalent metal chelate polymers of dithoosamide. Journal of Thermal Analysis 6:37-43.
- Castellino, Francis J.
G.E. Siefiring, Jr., and F.J. Castellino. 1974. Metabolic turn-over studies on the two major forms of rat and rabbit plasminogen. Journal of Biological Chemistry 249(5):1434-1438.
- Funabashi, Koichi P.
*K.P. Funabashi. 1974. Excess-electron processes in radiation chemistry of disordered materials. Pages 103-180 in M. Burton and J.L. Magee, eds. Advances in Radiation Chemistry. John Wiley and Sons, Inc., New York, New York.
- Kozak, John J.
*H.D. Kutz and J.J. Kozak. 1974. Energy transfer in radiation chemistry. I. Dynamics of the electron-oscillators system. Journal of Mathematics and Physics 15(4):508-519.
- *J.J. Yang, R. Davidson, and J.J. Kozak. 1974. On the relaxation to quantum statistical equilibrium of the Wigner-Weisskopf atom in a one-dimensional radiation field. VI. Influence of the coupling function on the dynamics. Journal of Mathematics and Physics 15(4):491-501.
- Mozumder, Asokendu
*M. Tachiya and A. Mozumder. 1974. Model of pre-existing traps for electrons in polar glasses. Journal of Chemical Physics 60(8):3037-3041.
- Pasto, Daniel J.
D.J. Pasto, J.A. Duncan, and E.F. Silver-smith. 1974. Stereospecific thermal cycloadditions and catalyzed isomerizations. Journal of Chemical Education 51:277.
- D.J. Pasto, G.R. Meyer, and B. Lepaska. 1974. A mechanistic study of the reactions of 1,2-disubstituted alkenes with hydrogen bromide in acetic acid. Journal of the American Chemical Society 96:1858-1866.
- D.J. Pasto and C.R. Johnson. 1974. Determination de Estructuras Organicas. Editorial Reverte, S.A., Spain. v + 577 pp.
- D.J. Pasto and D. Wampfler. 1974. Cycloaddition of 2-phenylisobuteny lidene-cyclopropane via a diradical intermediate. Reaction with 1,1-dichloro-2,2-difluoroethylene. Tetrahedron Letters 22:1933-1936.
- Schwartz, Maurice E.
*J.D. Switalski, J.T.J. Huang, and M.E. Schwartz. 1974. Valence electron studies with Gaussian-based model potentials and Gaussian basis functions. III Applications to two-valence-electron systems composed of combinations of Li, Na, H, or their unipositive ions. Journal of Chemical Physics 60(6):2252-2254.

- Tachiya, Masanori
*M. Tachiya. 1974. Configuration coordinate model for the hydrated electron. III. Diffusive motion. Journal of Chemical Physics 60(6):2275-2277.
- Thomas, J. Kerry
*G. Beck and J.K. Thomas. 1974. Effect of temperature on the rates of reaction of excess electrons in liquid hydrocarbons. Journal of Chemical Physics 60(5):1705-1706.

*Under the Radiation Laboratory

Mathematics

- Wang, Pyng
P. Wang. 1973. Decomposition theorems of Riemannian manifolds. Transactions of the American Mathematical Society 184:327-341.

Microbiology

- Erickson, Robert J.
R.J. Erickson and J.C. Grosch. 1974. The inhibition of avian myeloblastosis virus deoxyribonucleic acid polymerase by synthetic polynucleotides. Biochemistry 13:1987-1993.
- R.J. Erickson and F.E. Young. 1974. Characterization of a virulent bacteriophage for *Bacillus subtilis* (Var. amylo-liquetaciens) Applied Microbiology 27:600-602.
- R.J. Erickson, R. Sommer and B. Janik. 1973. The inhibition of the avian myeloblastosis virus DNA polymerase by poly (U) fraction of varying chain length. Biochemical and Biophysical Research Communications 52:1475-1482.

LAW

- McIntire, Michael V.
M.V. McIntire. 1974. Urban reconstruction could be as close as the state-house. American Bar Association Journal 60:578-582.
- Rico, Charles E.
C.E. Rice. 1973. The Dred Scott Case of the 20th Century. Houston Law Review 10:1059-1086.
- C.E. Rice. 1974. Overruling Roe vs. Wade: An analysis of the proposed constitutional amendments Boston College Industrial and Commercial Law Review 15:307.
- Shaffer, Thomas L.
T.L. Shaffer. 1974. Accepting death: Guidelines for professional counselors working in the presence of grief. Estate Planning 1(1):14-18.
- T.L. Shaffer. 1973. A structure for law-office interaction: Interviewing, counseling, decision making, and problem solving. Pages 8-1 through 8-11 in the Seventh Annual Institute on Estate Planning, Newkirk Associates, Indianapolis.

MEDIAEVAL STUDIES

T.L. Shaffer. 1973. The estate planning interviewer. Pages 47-68 in J.K. Lasser, ed. Estate Tax Techniques. Matthew Bender, New York.
 T.L. Shaffer. 1974. Review of Parkes, Bereavement. Kentucky Law Review 61(2):538-550.
 T.L. Shaffer. 1974. Review of Parkes, Bereavement. Life Threatening Behavior 3(4):308-321.
 T.L. Shaffer. 1973. Introduction to symposium: Mental illness, the law, and civil liberties. Santa Clara Lawyer 13:369-378.

Beichner, Paul E., C.S.C.
 P.E. Beichner, C.S.C. 1973. Once upon a parable. Notre Dame Magazine 2(5):36-39.
 P.E. Beichner, C.S.C. 1973. The snake who liked eggs. AD Correspondence 7(4).
 P.E. Beichner, C.S.C. 1973. The beaver's book. AD Correspondence 7(9).
 P.E. Beichner, C.S.C. 1973. The three not-so-blind mice. AD Correspondence 7(13).
 P.E. Beichner, C.S.C. 1973. The beaver's book. Province Review 21(5).

Monthly Summary

Awards Received

IN THE MONTH OF MAY, 1974

Department or Office	Principal	Short title	Sponsor	Amount-\$ term
AWARDS FOR RESEARCH				
Microbiology - Lobund Lab.	Wostmann	NIH research fellowship	Natl. Inst. Health	7,450 1 yr.
Metallurgical Eng.	Allen	Defects, transformations, and polytypism in laves phases	Natl. Sci. Fdtn.	56,500 2 yrs.
Electrical Eng.	Nahas	Rectifying microwave antenna	Natl. Aero. Space Admin.	1,285 1 mo.
Chemistry	Castellino	Activation of plasminogen to plasmin	American Heart Asscn.	10,010 1 yr.
Chemistry	Castellino	Plasminogen and plasmin: structure and function	Natl. Inst. Health	20,000 1 yr.
Electrical Eng.	Magee	Surface passivation of P-N-N junctions	Natl. Aero. Space Admin.	2,495 9 mos.
Aerospace Mech. Eng.	Szewczyk	Turbulence and shear on flow past bluff bodies	Natl. Sci. Fdtn.	67,100 2 yrs.
Physics	Khorana	Quantum properties of liquid helium	Natl. Bureau Standards	15,000 13 mos.
Aerospace Mech. Eng.	Nicolaides, Ingram	Stabilizing cylinders in flight	U.S. Navy	18,559 1 yr.
Physics	Tomasch	Electronic tunneling from metals	Natl. Sci. Fdtn.	66,100 2 yrs.
Aerospace Mech. Eng.	Novotny	Radiation interaction in convective heat transfer	Natl. Sci. Fdtn.	42,500 2 yrs.
Civil Eng.	Linger	Lake Charles east treatment	Environ. Prot. Agency	12,000 ---
Aerospace Mech. Eng.	Biles, Lloyd	Storage and handling facility for frozen foods	Redi-Froz Dist. Co.	43,000 1½ yrs.
Mathematics	Taylor	Algebraic and geometric topology	Natl. Sci. Fdtn.	9,800 1 yr.
AWARDS FOR EDUCATIONAL PROGRAMS				
Economics	Swartz	Economic education in the community	Ind. Council Econ. Educ.	1,000 ---
Collegiate Seminar	Leahy	1974 Collegiate summer workshop	Uniroyal Fdtn.	5,000 ---
Administration	Gordon	Arthur J. Schmitt fellowship program	Arthur J. Schmitt Fdtn.	60,000 ---

Proposals Submitted

IN THE MONTH OF MAY, 1974

Department or Office	Principal	Short title	Sponsor	Amount-\$ term
PROPOSALS FOR RESEARCH				
Microbiology - Lobund Lab.	Kulpa	Membrane changes by mammalian RNA	Natl. Inst. Health	80,122 1 yr.
Philosophy	Manier	Politics, population, and environment	Natl. Endow. Humanities	80,752 2 yrs.
Engineering	Jerger	Deep sea engineering	U.S. Navy	50,399 1 yr.
Management	Bernardo	Economic development of Western Avenue	Econ. Develop. Assocn.	51,124 7 mos.
Center Civil Rights	Glickstein	Civil rights interactive speci- fication information system	(Private foundations)	50,647 1 yr.
Art	Fern	Unpublished drawings by Thomas Moran	Natl. Endow. Humanities	25,432 8 mos.
Government	Kromkowski	Ethnic studies projects, ele- mentary and secondary education	Office of Education	102,506 1 yr.
Aerospace Mech. Eng.	Lloyd, Mueller, MacDonell	Prosthetic heart valve thrombus formation & erythrocyte damage	Natl. Sci. Fdn.	55,547 1 yr.
Aerospace Mech. Eng.	Biles, Lloyd	Materials storage and handling facility for frozen foods	Redi-Froz Dist. Co.	43,000 1½ yr.
Physics	Biswas, Cason, Kenney, Shephard	High energy elementary particle physics	Natl. Sci. Fdn.	597,890 2 yrs.
Psychology	Borkowski	Rehearsal strategies and short- term memory in the aged	Natl. Inst. Health	18,087 1 yr.
Microbiology - Lobund Lab.	Kulpa	Comparison of normal and trans- formed cell membranes	Natl. Inst. Health	64,502 1 yr.
Civil Eng.	Lauer	Utilization of incinerator ash as aggregate	Wheelabrator Frye	5,600 3 mos.
Microbiology - Lobund Lab.	Asano	Membrane and surface property of malignant cells	Natl. Inst. Health	55,356 1 yr.
Microbiology - Lobund Lab.	Wostmann	Antibiotics: Effects on bile acids and cholesterol	Natl. Inst. Health	52,804 1 yr.
Aerospace Mech. Eng.	Atassi	Influence of blade loading on the acoustic response of a cascade	Natl. Aero. Space Admin.	77,861 3 yrs.
Electrical Eng.	Massey	Coordinated design of coding and modulation systems	Natl. Aero. Space Admin.	37,739 1 yr.
Chemistry	Martinez- Carrion	Probes of structure and mecha- nisms of heart enzymes	Natl. Inst. Health	23,340 1 yr.
PROPOSALS FOR EDUCATIONAL PROGRAMS				
Management	Bella	Jesse H. Jones Professorship	Houston Endowment	25,000 1 yr.
Management	Sequin	Managing health delivery systems	Health, Educ., Welfare	5,375 1 wk.
English	Vasta	Master's degree program for teachers of English	(Private foundations)	182,952 3 yrs.
Aerospace Mech. Eng.	Yang	Program for test-balance-adjust of environmental systems	Ind. Environ. Balancing Bur.	3,777 8 wks.
Law School	McIntire	Integrated air pollution/law training program	Environ. Protect. Agency	40,106 1 yr.
Law School	Foschio	1974 CLEO, Midwest regional summer institute	Council Legal Educ. Oppor.	55,692 6 wks.

Summary of Awards Received and Proposals Submitted

IN THE MONTH OF MAY, 1974

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	7	\$187,969	7	\$183,830	14	\$ 371,799
Facilities and Equipment	-	---	-	---	--	---
Educational Programs	2	65,000	1	1,000	3	66,000
Service Programs	-	---	-	---	--	---
Total	9	\$252,969	8	\$184,830	17	\$ 437,799

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	4	\$727,176	14	\$745,532	18	\$1,472,708
Facilities and Equipment	-	---	-	---	--	---
Educational Programs	2	65,106	4	247,796	6	312,902
Service Programs	-	---	-	---	--	---
Total	6	\$792,282	18	\$993,328	24	\$1,785,610

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
Health Services and Mental Health Administration	Research in Maternal and Child Health and Crippled Children's Services	August 1, 1974
	Education Programs-Development and Program Grants	August 1, 1974
National Endowment for the Humanities	Youth grants in the Humanities	August 1, 1974
	International Cooperative Scientific Activities	August 31, 1974
National Science Foundation	Pre-College Instructional Improvement Implementation	August 1, 1974

documentation

Commencement Address

Father Hesburgh, members of the order of the Holy Cross, colleagues on the board of trustees and in the faculty, and most especially, members of the class of 1974, parents and friends of the University:

I am honored to take part in this impressive, important occasion. Perhaps I should have called it this tribal ceremony. I am privileged, too, to express again congratulations and best wishes to the class of 1974. To Father Hesburgh I am particularly grateful for the generous introduction. For a time I considered urging him to suppress the name of the University which presently employs me, the University of California at Los Angeles, not as you may suspect, for reasons of personal safety, but rather for fear that I might appear to you as a kind of Trojan horse, welcomed in friendship and a little curiosity, but nevertheless an alien element introduced behind the defense line of the great athletic tradition of Notre Dame.

But, on further reflection, it was clear to me that both Notre Dame and UCLA are so secure in their prowess that they do not, either one of them, need to resort to stratagems like Trojan horses, or if I may say it, Trojan mares.

Now I should like to make a further confession, and this is a solemn one. My father and my grandfather were both born in Belfast, Ireland, of Scotch, Irish, Presbyterian ancestry. Like a good citizen of the empire, my father left home in his youth and came to the United States to colonize. All his adult life was spent in America, which he defended against all comers as have his descendants.

In two years' time the United States will observe the second century of its independence, and the months intervening will be filled with historical discourse and with tributes to the men who signed the Declaration and who established the Constitution. I do not wish today to speak in any detail about those men, not about their exploits. But I should like to borrow from one of them a title, a theme, for my remarks.

John Adams, of Quincy and Boston, Massachusetts, chose as his personal motto words quoted by Cicero in the first Tusculan disputation, "Serit arbores quae alteri saeculo prosint" which being translated could mean, he plants trees for another century, or he plants trees for a later generation. What kind of trees Adams was thinking of we know from prophetic advice he gave to his son. "I," said John Adams, "I must study politics and war that my sons may have liberty to study mathematics and philosophy. My sons ought to study mathematics and philosophy, geography, natural history, naval architecture, navigation, commerce and agriculture in order to give their children a right to study painting, poetry, music, architecture, statuary, tapestry and porcelain." Without commenting on the degree of accuracy contained in his prophecy, I would like to ask you to think with me about what kinds of trees we might be cultivating today which could benefit another generation.

Addressing my question primarily to the graduating class, I have phrased it "we" might be planting, not "you." For however far apart we may have seemed on occasions as generations, events of recent days have illumined the future ahead in such a fashion that we, you and I, are indeed members of one generation. By that I mean that in our experiences of life, you and I will prove to have more in common than you, I think, will have with your descendants. Today we are experiencing together the last of the era of low-cost abundant energy for the rich nations of the world. Some have called this the closing of another frontier. Now if by frontier we mean the opportunity for relatively irresponsible exploitation of natural

resources, then of course, our awareness of the finite character of these resources may indeed be the end of a frontier. I would, however, prefer to describe this as the end of a life style, always remembering that three quarters of mankind still live at the subsistence or semi-subsistence level and know nothing of our abundance.

The approaching conclusion of an era is not, however, necessarily a tragedy or a disaster. You may remember the wonderful words of Virgil which Chief Justice Oliver Wendell Holmes quoted on his 90th birthday: "Death tweaks my ear and whispers 'live, I am coming.'" "Vivite ait venio." That command to live means in our context, I think, the savoring of our memories of abundance. But also, the stimulation of all our scientific capacity to develop new sources of energy for ourselves and for the world. We need to remind ourselves that the fact that natural resources may be limited, is a revelation only to us. It will not be a revelation to our descendants. No doubt they will even be puzzled by our obtuseness in overlooking such an obvious characteristic of existence on this planet, and one with which they will have learned to cope. We shall appear quaint, innocent, perhaps a little stupid, unless we can truly demonstrate the truth of Clifford Wharton's words, "The world's resources may be finite, but the creativity of man's mind is infinite." So it seems to me our task today is not to despair, or to seek for a scapegoat, though they may need a little looking for, but rather to confront a different kind of world with all the industry, imagination and intellect of which we may be capable. And if we feel any responsibility for the future then we have in this crisis a moral, as well as an intellectual, obligation.

Now, I do not for a moment minimize the difficulty we face in this responsibility. So much has happened to us in our life time: revolutions, wars, erosions of values and beliefs, so that we tend to care more about survival in the present than about constructing visions or plans for a distant future. Our imaginations are weary and we do not hope easily. In this of course, we differ from our ancestors. The founders of the Massachusetts Bay Colony in 1630 dreamed of a city set on a hill drawing the eyes of all the world to itself because of its virtue, and to that end they labored. Or one thinks of our revolutionary forefathers who pledged their lives, their fortunes and their sacred honor as security for a new country. We, I think, no longer grasp the radicalness of their hopes, their visions of a totally new country with a new form of government and a new society, all of it to be established in a wilderness. We have no wilderness today, no clean slate on which to lay out plans. Even the words of their vision have somehow lost their force for us because we distrust all words; we have learned to doubt that words mean what they seem to say, and we look first to actions, believing they may be less deceptive, less misleading.

So, on our 200th anniversary celebration in this country, I do not expect any great rhetorical outpourings, and no elevated phrasing of hope. But in spite of this skepticism of ours, in spite of our exhaustion, there will nevertheless be certain of our actions, which if we plumb their meaning to the very depths, may speak as loudly of hope as did the magnificent oratory of our founding fathers. And I should like to suggest briefly then, that in spite of confusion, in spite of frustration, in spite of crises and depressions, we have in our fashion, followed Adam's motto and have given thought to a different future.

Let me identify a few facts. Of greatest significance, it seems to me, is what has happened to the idea of an American. For most of the years of the present century, we thought we knew the several ingredients which went into the melting pot from which the true American emerged. Today, however, we see that definition as limiting, as depriving us of cultural richness, and condemning all diversity to second-class status. In those early days we did not need the sociologists to teach us that diversity really implied inequality--it was all too obvious. Today, I think we are engaged on many fronts in a great effort to prove that dictum false. Different is not unequal. Within ourselves and in the regulation of our society, we are struggling to recognize the right to be different, in race, in sex, in color, in religion, and the concomitant right to participate on an equal basis. There are numerous landmarks of this struggle, beginning with one already referred to today--Brown vs. Board of Education in 1954, which struck down desegregation in the schools, right through to Executive Order 11,246 forbidding sex discrimination in federal contracts.

Now these measures originated in different areas of our government structure--one in the courts and one in the executive branch. But both speak to the intent to change the image of an American from a white, middle-class, protestant male, to an image which encompasses blacks and browns, Asiatics and Jews, men and women. It is a new image and it has not fully emerged, but it is clear enough now so that it will prevent any return to the narrower, inhospitable definition of the past. This change in our corporate self image is not entirely the result of war, though war may have contributed. It is not the result of revolution, though sit-ins and voter registration drives have played a part. It has not been trumpeted from the halls of congress, though debates there were significant. The enlargement of our natural constituency is the result, I think, of the analyses of scholars.

one of whom we honored here today. It is the result of the sober judgments of the courts, of the role of representative bodies throughout this country, and of private conversations and disputes between citizens. Each of these undramatic factors contributed to the slowly achieved conviction that we must have a new image. Our descendants will probably wonder why it took so long; why it was so disputed, and only a few of us will be there to try to remember.

Other actions of the last decade, particularly in the continuing enlargement of educational opportunities testify to the sincerity of our attempt to change. Once, higher education was the prerogative of those who possessed, or aspired to leadership in our society. Today almost 50 per cent of the college age group are enrolled in colleges and universities in this country, encouraged, and in many cases supported, by government grants, beginning with the history-making GI Bill of 1944, through the National Defense Education Act of 1958, down to the establishment of Basic Opportunity Grants in 1972. These are not, you notice, one-time actions, but rather a constant series of support programs. The congress, that is the people, have demonstrated their intention to give everyone capable a chance to participate in the economic and social life of his community on the basis of his trained intelligence. We have agonized and we are still struggling over the details. How much of the cost should be provided by the individual? How much should be furnished by the local, state and federal government? How do we teach those who have failed, or who have never tried? How can the system be more productive? Whatever answers to these questions we may find, we do not as a people intend that education, higher education, shall ever again be the prerogative of the few.

Such education offers a chance to participate more fully and more profitably in the life of our society, but it also enriches our individual and corporate life. With almost 50 per cent of our young people in higher education, surely the banality and vulgarity of much of our public and private life should begin to ebb. To read a good book is still a synonym for boredom in our society. As those who have never tasted a good wine or a good salad have no way of knowing what they missed, so the addict of comic books cannot be weaned to Daumier because nobody ever explained to him or showed him the difference. Like the social benefits of education, the refining qualities of it were for long years too, the prerogatives of the establishment. As long as it was free, the establishment, to enjoy art and music, it cared little about the vulgarity or poverty of expression of those below it on the social scale. But now with the foundation of the national endowments for the arts and the humanities in 1965, our society, I think, has clearly said that the quality of the life of its citizens as well as their security is a matter of public concern.

The decision to change the image of the American was composed of many factors, and so indeed was this determination to enlarge educational and cultural opportunity. Mr. Adams suggested that it was for his grandchildren to be concerned with the arts, not for his generation, not for his son's generation. If his timetable was correct, then we may find ourselves returning in the cycle and therefore closer to Adams himself than to his sons or grandsons. Are we, once again obligated to concern ourselves with war and politics so that your children may study mathematics and philosophy? If by politics we mean the distribution of power in society, Adams may have been speaking to us. For today, we are deeply concerned, deeply engaged in questioning the relative concentrations of power both here and abroad.

Once we saw ourselves as young and generous, innocent giants without the burdens, as Goethe said, of useless memories or vain conflict. "Unnutzes Erinnern, vergeblicher Streit." Since World War II, but particularly since Vietnam and Cambodia, the innocence of youth is gone, and we are trampled like the rest with guilt and remorse. We are older and in a sense wiser. We know we cannot play either the leader or the savior as we once thought in world politics. Our role has to be less glamorous, more realistic, more responsible. We can play the broker, ready to negotiate each chance for peace, not from any superior virtue, but merely because we have the power. Like our former, more idealistic role, this too is dangerous. Power tends to corrupt. Indeed, our greatest legacy perhaps to the future might rest in the full consciousness of that phrase and its continuing emphasis.

Today we do not dare to say how power should be distributed in the world, but none of us doubts that peace is preferable to war. Our confusion in domestic affairs center too on the concentrations of power, whether in the executive branch, in the multinational corporations, or in a reverse sense, in the feeling of powerlessness among people. To some extent, however, the revulsion over details, now gradually emerging, has prevented us from perceiving that it is the legal system itself which is producing the revelations and fashioning the judgments.

For those of us who lived through the time when moral absolutes decreed the destruction of our legal system there is every reason to be thoughtful. When the rhetoric of the 60's had

faded, what was left was the slow, cumbersome procedure of the law, or as Alexander Bickel says, "The morality of process." In those turbulent years, you will remember that good men voiced doubts about the reliability of due process. They were not certain that justice could be done. And now we know that the confusion of the times did not call forth great men to improvise with genius, but that the system in the hands of honest men proved adequate.

Today again we are not, I think, combating a true revolution, but the perversion and corruption of decent principles. Out of the confrontations on both occasions has emerged, as some would say, a greater constitutional sensitivity. More even than Adams we have had our share of wars, and we still need to appeal to our legal system to disentangle the concentrations of power which control our destinies too narrowly. Our concern, like his, will need to be with politics and war to avoid the latter, to cleanse the former, so that our children can fashion the new image of an American, can lighten and refine our manners and our lives.

These are heavy responsibilities, but we are committed, it seems to me, by our action, to support our legal system, to enlarge our educational and cultural opportunities, to re-define "American." No one of these obligations is anything more than just assumed. It is the tree planted but not yet grown. That these trees should flourish is not only a matter of faith. Stranger things have happened in history. And if I may be personal again, none perhaps stranger than that I, the grand-daughter of the Rev. William Park of Belfast, should have spoken on the commencement day of the most distinguished Roman Catholic university in America.

Faculty Handbook Revisions

Dear Colleagues:

You all received a copy of the Faculty Handbook last fall. Since this was our first issue, some errors and omissions occurred. These we wish to correct as the Faculty Handbook is to be updated for September publication.

If you have found errors in the initial issue or if you have suggestions for including or expanding information that will make the Handbook more helpful, will you please contact me by phone -- 6876 -- or visit me in the provost's office? My deadline for receiving this information is Friday, July 19.

Most sincerely,

William M. Burke
Assistant Provost

Tuition Benefits

The Officers of the University have announced changes in the free grant-in-aid allowance. This benefit assists full time Staff employees in the education of sons and daughters admitted to the University of Notre Dame. The major features of the new policy are as follows:

1. Full time Staff employees hired prior to July 1, 1974 shall receive 2/3 rds. tuition remission for the education of sons and daughters admitted to Notre Dame after two full years of employment have been completed. After ten full years of employment full tuition allowance will be granted.
2. Full time Staff employees hired on July 1, 1974 and thereafter shall receive 2/3 rds. tuition remission for the education of sons and daughters admitted to Notre Dame after five full years of employment have been completed. After ten full years of employment full tuition allowance will be granted.
3. This assistance is in the form of the free grant-in-aid and a student employment assignment of twelve hours a week.
 - a. Children of eligible Staff employees will not be required to work during the freshman year.
 - b. Children of eligible Staff employees will be required to work during the second, third and fourth years in order to get the full benefit to which they are entitled.
 - c. Children of eligible Staff employees will have the right to waive the work requirement in the upperclass years, however, the value of the student job assignment would be subtracted from the tuition allowance.

Beach Regulations

Outdoor swimming on campus is permitted in St. Joseph Lake only within the official beach area and not at all in St. Mary's Lake. Use of the St. Joseph Lake beach is limited to all University faculty, staff, students and their immediate families within the following regulations:

1. Those wishing to use the St. Joseph Lake beach will be required to register at the Security Office. Upon payment of a \$1 individual registration fee, an identification tag will be issued allowing admittance to the beach area. Students are exempt from the \$1 fee.
2. Lifeguards are on duty from 11 a.m. daily, conditions permitting. Swimming is permitted only when lifeguards are on duty and is restricted to the cordoned area. Lifeguards are in charge of the beach area while on duty. Compliance with their instructions is required at all times. Lifeguards have the authority to request a person who is not conducting himself properly to leave the beach.
3. Persons under the age of 12 will not be permitted to use the beach unless with their parents. Children under 12 must be under the control of their parents while in the water.
4. Fires, food or alcoholic beverages will not be permitted at the beach, nor will glass containers be allowed.
5. Vehicles will not be permitted on the beach proper at any time. Bicycles must be kept off the path in posted area.
6. Pets are absolutely forbidden anywhere in the beach area.
7. Digging holes in the sand of the artificial beach is not permitted.
8. Flotation devices are not permitted in the water.

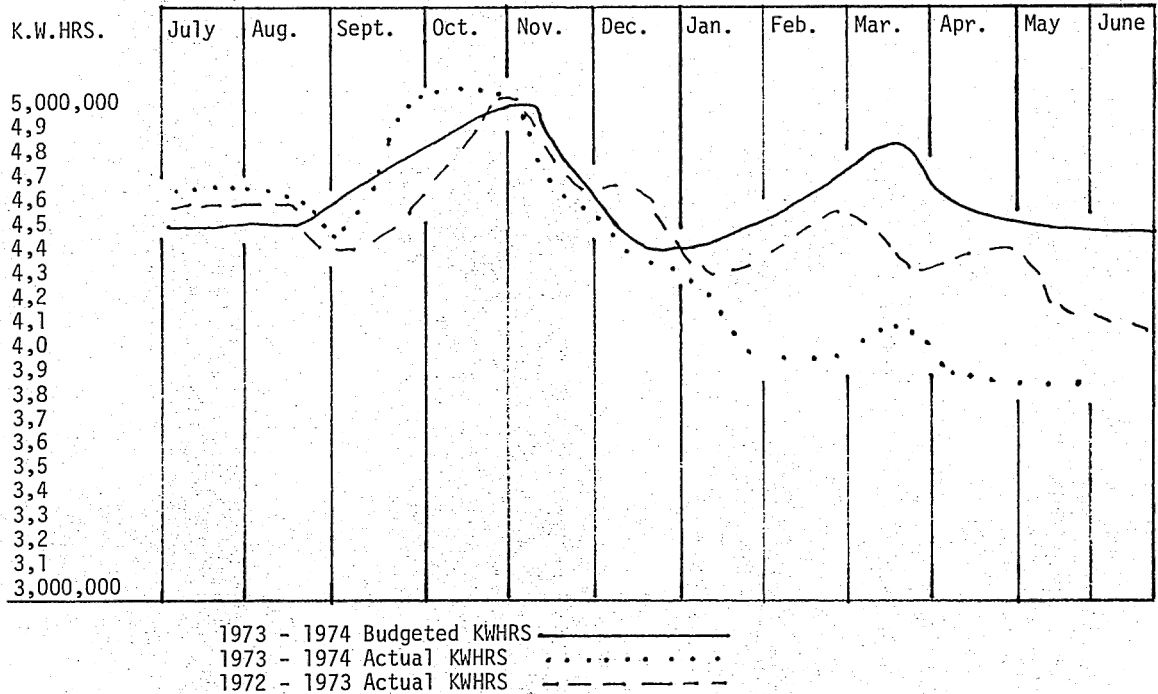
John A. Macheca
Dean of Students

Energy Conservation Committee

Dear Energy Savers:

You haven't heard much of us recently, but we do still exist. We'd like to take this opportunity to report to the community, to thank all of you for your cooperation and to urge you to keep up the good work.

Because of everybody's practical concern about the energy crisis, we were able to dramatically reduce our kilowatt hour consumption during the critical winter months. The graph shows what a profound effect the elimination of wasted energy had.



Compared with 1973, our actual KWH saving this year was:

January	-	200,000
February		300,000
March		300,000
April		500,000
		<u>1,300,000</u> (Actual KWH saving for four months)

The saving of energy is even more dramatic if compared with the projected or budgeted KWH usage indicated in the graph by the solid line. However, because of the increased cost and scarcity of fuel, we did not save any money. The cost of all fuels, even when available, will continue to rise, making continued and increased conservation necessary.

The community is to be heartily applauded for its cooperation. I don't think anyone was even mildly disturbed by our program. What the future holds might be dramatically different.

You might think that our problem ended with the winter months. Not at all. In fact, the graph shows September-October to be our greatest demand. The need for conservation is just as acute (if not more pressing) during the summer.

As everyone knows, electrical production is our biggest user of energy. We need continued vigilance against waste of electricity. Hopefully, the (somewhat) sunnier days will enable a saving of lighting. Try to get along without artificial light as long as practical. Read and work near a window if possible. Continue to turn off lights when not needed. Remove light tubes to decrease overall lighting levels in accordance with the activity engaged in.

The committee's real worry for the summer, though, is air-conditioning, especially the use of window units. The buildings with central air-conditioning are being controlled at higher temperatures, but only you can control your individual window unit.

For the summer we ask you to cooperate in the following way:

1. TURN WINDOW UNIT ON ONLY WHEN ROOM TEMPERATURE REACHES 80°
2. DON'T COOL ROOM BELOW 78°
3. RUN UNIT ONLY DURING THE DAY. DON'T RUN ALL NIGHT; OPEN WINDOWS INSTEAD
4. FOLLOW THIS SEQUENCE IN COOLING:
 - a) Open window; if that fails,
 - b) Run fan only;
 - c) run at low cool;
 - d) run at high cool.

(Remove and place near Air-Conditioner)

We realize that it is much more difficult to be comfortable during hot weather than cold. The humidity/temperature co-relations makes it hard to set specific guidelines to be followed.

We must all put up with a little discomfort, if we are to conserve the precious resources we have, or can get in the future. We have been falsely lulled into thinking the energy crisis is over. Our suppliers tell us that our fuel will continue to be scarce and increasingly expensive.

I want to thank the committee members for their work, and in their name express gratitude to all of you who helped us be more responsible consumers.

In Notre Dame,

Rev. James F. Flanigan, C.S.C.
Energy Conservation Committee

Unemployment Insurance

Unemployment insurance claimants filing a new claim after July 7, 1974, may be eligible for a higher weekly benefit than those filing prior to that date. The following are the maximum weekly benefit amounts prior and subsequent to July 7, 1974:

Before July 7, 1974		After July 7, 1974
\$50	No dependents	\$60
57	One dependent	70
63	Two dependents	80
69	Three dependents	90
75	Four dependents	100

The disqualification period has been changed for claimants who quit voluntarily without good cause in connection with work, or were discharged for just cause, or who are not able or available for, or refuse suitable work. Presently the penalty is a 25 per cent reduction in the total benefit amount, and a period of ineligibility from the time of the disqualifying act and the next five weeks or until an amount is earned that is equal to six times the weekly benefit amount.

The disqualification of claimants filing new claims after July 7, will retain the 25 per cent reduction of the total benefit amount. The period of ineligibility will be changed to the week in which the disqualifying separation or failure occurs and until the claimant has earned an amount at least equal to the weekly benefit amount in each of 10 weeks. It is difficult to estimate the impact of this change. However, it is evident that the disqualification period will be no less than 10 weeks from the time of the disqualifying act.

The Faculty Senate Journal

May 7, 1974

Professor Haaser called the meeting to order at 7:40 p.m. and Ellen Ryan opened the meeting with a prayer.

Thirty-one members were in attendance.

Professor Haaser then asked the senate members, both returning and newly elected ones, to introduce themselves.

Professor Jones moved, and Professor Lyon seconded, that the minutes of the April 23, 1974 meeting be approved. This was passed by a voice vote without dissent.

Professor Conway, senate treasurer, then presented his report for the year 1973-74 which is summarized below.

	<u>Budgeted</u>	<u>Spent</u>
Supplies	\$ 135.00	\$ 61.00
Duplicating	295.00	253.00
Entertainment	225.00	61.00
Postage	170.00	4.00
All other	475.00	315.00
	<u>\$1300.00</u>	<u>\$694.00</u>

Professor Haaser then read a letter from Father Hesburgh thanking the senate for its recommendations on the COUP Report and assuring us that these would be passed on to the Board of Trustees at its spring meeting.

Professor Haaser announced the preliminary results of the poll of the faculty, library, and research staff on the senate statement on salaries and retirement. Just over 400 responses had been received to date from among the approximately 700 eligible voters polled. The replies were nine to one in support of the statement.

Professor Press suggested that a second mailing be sent to those who had not yet responded. Professor Cushing moved, with the support of Professor Bellis' second, that balloting be terminated in about a week and that the final results of this poll be published as an appendix to the minutes of the present meeting. This was approved without dissent. Professor DeSantis then moved, with Professor Danehy's second, that an interim report of the current results be sent at once to Father Hesburgh. This was unanimously approved.

Professor Haaser called for committee reports, of which there was just one, from the Committee on Faculty Affairs, presented by Professor Bellis. As a result of a committee meeting at which Arthur Pears, director of Campus Security, was present, the committee recommended that lots A-2, B-1, east of the Memorial Library, and lots A-3, B-5, east of the biology building, each be opened as one lot for both faculty and staff on a first-come first-serve basis. This arrangement had never caused any difficulty in the past. The senate approved this unanimously and instructed the chairman to send a letter to this effect to Father Wilson.

The senate then moved on to the election of officers. Professor Cushing moved that the senate suspend its normal election procedures and hold the election by mail after the election of the College of Science representatives had been completed. Professor Winicur seconded this. A lengthy and somewhat confused discussion followed centered upon the parliamentary propriety of such a motion. The senate upheld a ruling by the chair on this point and then defeated the motion itself.

Professor Jones moved that the College of Science representatives still serving terms which expire in 1974 be allowed to participate in the election of officers. Professor Dugan seconded this. All approved the motion.

A short recess was called for a coffee break and the senate reconvened at 8:45 p.m. to nominate and elect officers. Professors Conway, Cushing, DeSantis and Dugan were nominated for chairman. On the first ballot none received a majority of the votes cast. There was a runoff between Professors Conway and Cushing. Professor Cushing was elected chairman.

Professors Conway and Rodes were nominated for vice chairman. Professor Conway was elected. Professors Martin and Winicur were nominated for secretary and Professor Martin elected. Professors Dugan and Goulet were nominated for treasurer and Professor Goulet elected.

The three standing committees of the senate then caucused to elect chairmen. The Executive Committee of the Faculty Senate for 1974-75 is the following:

James Cushing, chairman
 Paul Conway, vice chairman
 Leslie Martin, secretary
 Robert Vasoli, chairman, Committee on Administration
 Dennis Dugan, chairman, Committee on Faculty Affairs
 Daniel Winicur, chairman, Committee on Student Affairs

Professor Dugan then moved, with Professor DeSantis' second, that the Faculty Senate direct its Executive Committee to send an expression of condolence and a suitable remembrance to the relatives of Professor Frank J. O'Malley and to those of Father Charles L. Doremus, C.S.C., who had just passed away.

Professor Haaser then turned the chair over to Professor Cushing who announced that Professor DeSantis had agreed to act as parliamentarian for the coming year. A motion was then entertained to adjourn.

Respectfully submitted,

James T. Cushing
 Secretary
 The Faculty Senate

Appendix

Faculty Response to Senate Statement on Salaries and Retirement

Below are the results of the Faculty Senate poll of the faculty, library, and research staffs of the University regarding the senate's statement on salaries and retirement: (The statement appears on page 319 of Notre Dame Report 16.) Of the 720 eligible voters polled, a total of 527 had responded as of the end of May.

<u>Rank</u>	<u>Support</u>	<u>Non-Support</u>	<u>Neither</u>
None indicated	20	2	3
Instructor	34	2	1
Assistant Professor	146	14	2
Associate Professor	135	13	0
Full Professor	<u>125</u>	<u>22</u>	<u>2</u>
Totals	460	52	8

These results show that 87 per cent of the faculty responding supports the substance of the senate statement (i.e., by a margin of approximately nine to one).

The 527 votes received represent 73 per cent of those polled. Six envelopes containing ballots were not signed and were therefore not counted since a signature on the envelope had been stated as a requirement. The remaining 521 envelopes were separated from the ballots before a tally was made. The names of the respondents were checked against a list of faculty, library and research staff members. A total of 33 signatures could not be identified although the ballots were included in the results (30 support, 3 non-support). Eight people returned ballots in signed envelopes but indicated neither support nor lack of support. A record of those responding was kept so that no one could vote twice. Library and research staff members were grouped with faculty members of corresponding rank.

Faculty and Staff Parking

After receiving several complaints signed by many staff members and some faculty members concerning the segregation of parking in the two lots on the east side of Juniper Road across from the Memorial Library and the Galvin Life Science Center, the complaints were forwarded to the Faculty Senate for a recommendation as to whether the segregation should continue or be abandoned. As you know, in both of these lots the faculty parked in the front of the lot and the staff at the back of the lot.

After discussing the matter in a sub-committee meeting, the Faculty Senate voted unanimously to recommend that lots A-2, B-1 (east of the Memorial Library) and lots A-3, B-5 (east of the Galvin Life Science Center) be opened for both faculty and staff parking on a first-come, first served basis.

We are happy to comply with this recommendation and this change will be so established beginning with the first day of Summer School. However, only those designated by Mr. Pear's office may park in these lots.

We wish to thank the Faculty Senate for this very constructive recommendation.

Rev. Jerome J. Wilson, C.S.C.

Copy Center Delivery System

To: Deans, Department Heads and Supervisors

From: Ron Parent

Subject: Copy Center pick-up-and-delivery system

In a continuing effort to provide the University community with high quality duplicating services at low cost, the University Copy Center (located behind the Main Building) instituted a campus-wide pick-up-and-delivery system on July 1. Copy Center personnel will pick up and deliver material from the various departments twice daily--at 10 a.m. and 3 p.m. The pick-up-and-delivery system will cover the same route as the mail system, but it will be separate from the mail system. Copying instruction forms will be distributed during the first week of the new service.

The Copy Center is equipped to produce 10 or more copies of each original at a lower cost than most point-of-use copiers. It is also true that the Copy Center is equipped to produce the best possible copy in terms of quality. For these reasons, we urge department heads to encourage the use of the Copy Center when the reproduction of 10 or more copies is involved. Point-of-use copiers may be used economically for fewer than 10 copies.

All work sent to the Copy Center for duplicating will be completed in 24 hours and be delivered back to the customer, unless the customer is notified otherwise or indicates that a longer period of time may be taken to complete the job. If you would like to continue to work directly with the Copy Center, rather than use the new pick-up-and-delivery system, you may, of course, do that.

notre dame report

An official publication published fortnightly by the University of Notre Dame, Department of Information Services. Individual copies are available in the Notre Dame Hammes Bookstore at 50 cents. Mail subscriptions are \$9 an academic year. Back copies are 50 cents each.

Vol. 3, No. 19



July 5, 1974

Mary Catherine Stevens, Editor
Publications Office, 209 Administration Building
Notre Dame, Indiana 46556
219:283-1234
